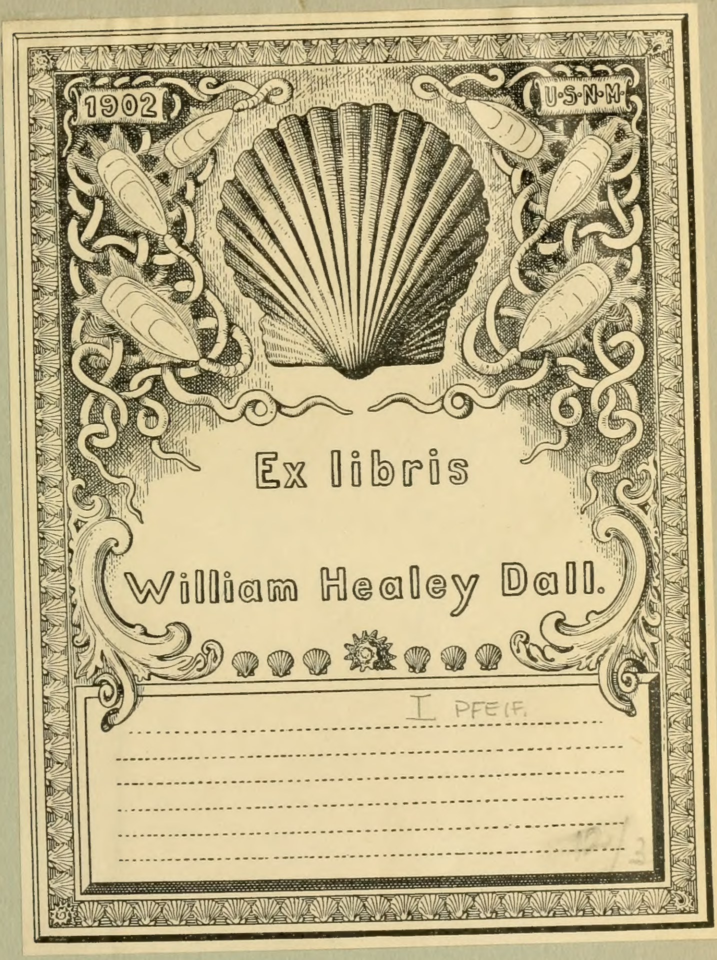
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Praefatio.

Decennium iterum elapsum est ex illo tempore, quo Monographiae Pneumonopomorum Supplementum secundum ederem, et scientiae progressus et additamenta talia sunt, ut singulo scrutatori ea sequi vix possibile sit. Quare congruum putavi, omnia quae cognitioni meae pervenerunt, denuo colligere eruditiorumque examini submittere.

Etsi collectio mea ex nonnullis annis illi clarissimi amici, doctoris H. Dohrn, injuncta sit, tamen (ut in editionibus prioribus) numeros specierum illo tempore in ea existentium addidi, quo indicarem illas quas ipse vidi et exactius examinavi; illas quas solum ex descriptionibus vel iconibus magis minusve sufficientibus cognovi, loco e characteribus allatis verosimiliter eis apto (sicut antea signo „†" notatas) recepi et reflexionibus propriis criticis fere omnino abstinui, successoribus relinquens officium difficile emendandi erronea et eliminandi superflua. Speciei cuique locum tum in Monographia, tum in Supplemento primo aut secundo (Mon. vol. II et III), ubi primum descripta vel denuo commemorata est, adjeci, et quae durante impressione mihi pervenerunt notitiae, eas in Addendis (p. 375—424) adscripsi.

Huic verosimiliter ultimo (hac forma a me curato) volumini quarto Auriculaceorum Monographiae 1856 editae sup-

plementum adjunxi, ut omnia mea opera huc spectantia (pariter ac Monographia Heliceorum) pro tempore quantum fieri poterat completa relinquerem.

Restat ut gratias quam maxime sinceras omnibus agam, qui labores meos hucusque tam benevolenter receperunt et inprimis claris Viris et Amicis, qui libris vel speciminibus communicatis benigne me adjuvarunt!

Cassellis, mense Junio 1876.

L. Pfeiffer, Dr. med. et philos.

Operum citatorum enumeratio continuata.

(Vid. Mon. Pneum. p. VII, Suppl. I. p. VII et Mon. Auric. p. VII.)

American journal of conchology. I. 1865. II. 1866. III. 1867. IV. 1868. V. 1869—1870. (Conf. Malak. Bl. 1871. p. 72—108). VI. 1876. VII. 1872. (Conf. Journ. Conch. XXI. p. 179—185.)

Annali del Museo civico di storia naturale di Genova; pubblicati per cura di Giacomo Doria. III. 1872. (Conf. Journ. Conch. 1873. p. 171.)

De Betta, Ed. I Molluschi terrestri e fluviatili della provincia Veronese a complemento della Malacologia di L. Menegazzi. Verona 1870. (Malak. Bl. 1870. p. 128.)

— — Malacologia Veneta ossia catalogo sinottico ed analitico dei molluschi terrestri e fluviatili viventi nelle provincie Venete. 1870.

Binney, W. G. Land- and freshwater shells of North-America. Part II. 1865. III. 1865.

Bland, Thomas. On the geographical distribution of genera and species of landshells of the West-India islands. 1861.

— — Remarks on the origin and distribution of the operculated landshells which inhabit the continent of America and the West-Indies. 1866.

Blanford, W. F. Contributions to Indian Malacology III. 1862. IV. 1863. V. 1865. VI. 1866. VII. 1866. VIII. 1866. IX. 1868. X. 1869. XI. 1869.

— — On the classification of the Cyclostomacea of Eastern Asia. 1864.

— — On Georissa and Hydrocena. 1869.

— — On Georissa, Acmella, Tricula and Cyclostoma milium. 1870.

Bourguignat, J. R. Aménités malacologiques II. 1859.

— — Malacologie de l'Algérie, ou Histoire naturelle des animaux mollusques terrestres et fluviatiles recueillis jusqu' à ce jour dans nos possessions du Nord de l'Afrique. 1863—1865.

— — Malacologie d'Aix-les-Bains. 1864.

Brusina, Spir. Prinesci malakologiji Jadranskoy, etc. Zagrebu 1870. (Malak. Bl. 1870. p. 140.)

— — Contribution à la Malacologie de la Croatie; édition entièrement refaite par l'auteur sur la première croate. Agram 1870. (Malak. Bl. 1870. p. 139.)

— — Ipsa Chiereghinii conchylia ovvero Contribuzione pella malacologia adriatica, desunta dal manoscritto dell' Abbate Stefano Chiereghini, Ver. Clodiense. Pisa 1870.

Bullettino malacologico italiano. I. 1868. II. 1869. III. 1870.

Clessin, S. Die Mollusken-Fauna der Umgegend von Augsburg.

Drouët, H. Essai sur les mollusques terrestres et fluviatiles de la Guyane française. 1859.

— — Mollusques terrestres et fluviatiles de la Côte d'or. 1867.

Dunker, Guil. Mollusca japonica 1861.

Frauenfeld, G. v. Höhlenthiere entdeckt von Schmidt in Schischka. 1854.
— — Ueber ein neues Höhlen-Carychium und zwei neue fossile Paludinen. 1862.
Gassies, J. B. Faune conchyliologique terrestre et fluvio-lacustre de la Nouvelle Calédonie. Paris 1863. Deuxième partie 1871. Conf. Journ. Conch. XXI. p. 90.
Gould, A. A. Otia conchologica: descriptions of shells and mollusks from 1839—1862. Boston 1862.
Gysser, A. Die Mollusken-Fauna Badens. 1863.
Hanley & Theobald Conchologia Indica; being illustrations of the land- and freshwater shells of British India. I—VII. 1870— . . .
Hauffen, H. Zwei neue Schnecken. 1856.
— — Ueber ein neues Höhlen-Carychium. 1856.
Hidalgo, J. Gonz. Catalogue des coquilles terrestres recueillies par les naturalistes etc. dans l'Amérique méridionale. Conf. Journ. Conch. XVIII. 1870.
— — Hojas malacologicas 1871—1875.
— — Coleccion de memorias 1871.
— — Moluscos del viaje al Pacifico. P. I. Univalves terrestres 1870.
— — Catalogo iconografico y descriptivo de los moluscos terrestres de España, Portugal y las Baleares. I. 1875.
Issel, A. Catalogo dei molluschi raccolti dalla missione italiana in Persia, aggiuntavi la descrizione delle nuove o poco note. Turin 1865.
— — Dei molluschi raccolti nella provincia di Pisa. Milano 1866.
— — Dei molluschi terrestre e d'acqua dolce raccolti nello Arcipelago di Malta. 1868.
— — Appendice al catalago dei molluschi raccolti nella provincia di Pisa. 1868.
— — Molluschi Borneensi. Genova 1874.
Jahrbücher der deutschen malakologischen Gesellschaft I. 1874. II. 1875.
Jeffreys, J. G. British conchology or an account of the mollusca which now inhabit the British isles and the surrounding seas. I. 1862. II. 1863. III. 1865. IV. 1867. V. 1869.
Jickeli, C. F. Fauna der Land- und Süsswasser-Mollusken Nord-Ost-Africa's. 1874. (Nov. Act. Leop. XXXVII. Nr. 1.)
Journal de Conchyliologie. III. 1852—1875.
Kobelt, W. Catalog der im europäischen Faunengebiet lebenden Binnenconchylien. 1871.
— — Fauna der nassauischen Mollusken. 1871. Conf. Martens in Malak. Bl. 1872. p. 192.
— — vid. Rossmässler.
Kreglinger, C. Verzeichniss der lebenden Land- und Süsswasser-Conchylien des Grossherzogthums Baden. 1863.
— — Systematisches Verzeichniss der in Deutschland lebenden Binnen-Mollusken. 1870.
Lehmann, R. Die lebenden Schnecken und Muscheln der Umgegend Stettins und in Pommern. 1873.
Lindström, G. Om Gotlands nutida Mollusker. 1868.
Maltzan, H. v. Systematisches Verzeichniss der Mecklenburgischen Binnenmollusken. 1873.
Malzine, F. de. Essai sur la faune malacologique de Belgique. 1867.
Martens, Ed. v. Die preussische Expedition nach Ostasien. Zoologischer Theil. Band II. 1867.
— — (und Langkavel). Beschreibung von Südsee-Conchylien des Donum Bismarckianum. 1871.
— — Die Binnenmollusken Venezuela's. 1873. (Festschrift zur Feier des 100jährigen Bestehens der Gesellsch. naturforsch. Freunde zu Berlin.)

Martens, Ed. v. Ueber Vorderasiatische Conchylien, nach den Sammlungen des Professors Hausknecht. 1874.

— — Moll. Turkest. 1874. (De Molluscis a Fedtschenko collectis: rossice.)

Möllendorff, O. v. Beiträge zur Fauna Bosniens. 1874. Conf. Kobelt in Malak. Bl. XXI. 1873. p. 161—165.

Mörch, O. A. L. Synopsis molluscorum terrestrium et fluviatilium Daniae. 1864.

Moitessier, Pr. Ant. Histoire malacologique du département de l'Hérault. 1868.

Morelet, A. Séries conchologiques. Livr. I. 1858. II. 1860. III. 1863. IV. 1875. Conf. Journ. Conch. 1875. p. 183.

— — Notice sur l'histoire naturelle des Açores, suivie d'une description des Mollusques terrestres de cet Archipel. 1860.

— — Mollusques terrestres et fluviatiles in Voyage du docteur Welwitsch dans les royaumes d'Angola et de Benguella. 1868. (Mal. Bl. 1868. p. 134.)

Mousson, A. Coquilles terrestres et fluviatiles recueillies par Schläfli. I. 1859. II. 1863.

— — Coquilles terrestres et fluviatiles recueillies par Roth dans Paléstine. 1861.

— — Faune malacologique des îles Samoa.

— — Revision de la faune malacologique des Canaries. 1874.

Nachrichtsblatt der deutschen malakologischen Gesellschaft. I. 1869 — VII. 1875.

Nevill, G. On the landshells of Bourbon. 1870.

Nevill, H. Enumeratio Heliceorum et Pneumonoporum insulae Ceylon adhuc detectorum. 1871.

Pätel, Fr. Molluscorum systema et catalogus. System und Aufzählung sämmtlicher Conchylien der Sammlung von F. Pätel; nach dessen Manuscript herausgegeben von Dr. L. W. Schaufuss. 1869. Conf. Martens in Malak. Bl. 1869. p. 204.

— — Catalog der Conchyliensammlung; nebst Uebersicht des angewandten Systems. 1873.

Paiva, Barone de Castello de, Monographia molluscorum terrestrium, fluvialium, lacustrium insularum Maderensium. 1867.

Paladilhe. Nouvelles miscellanées malacologiques. Fasc. III. 1868. (Revue et Mag. Zool. 1868. p. 225.)

Petit de la Saussaye. Catalogue des mollusques testacés des mers d'Europe. 1869.

Pfeiffer, L. Novitates conchologicae II. 1860—66. III. 1867—69. IV. 1870—75.

— — Malakozoologische Blätter VI—XXII. 1859—1875.

Poey, Fel. Repertorio fisico-natural de la isla de Cuba. Tomo I. 1865. 66. II. 1868.

Proceedings of the Zoological Society of London. 1853—1875.

Rossmässler, E. A. Iconographie der europäischen Land- und Süsswasser-Mollusken. Vol. III. 1854—1859. Fortgesetzt von Dr. W. Kobelt. Vol. IV. Fasc. 1. 1875.

Schaufuss vid. Pätel.

Schmeltz, J. D. E. Museum Godeffroy. Catalog V. 1874.

Schrenk, L. v. Reisen im Amurland. II. 3. Mollusken des Amurlandes. 1867.

Semper, C. Reisen im Archipel der Philippinen. Vol. III. Landmollusken. Fasc. I. 1870. II. 1873. III. 1874.

Servain, G. Annales de Malacologie I. Nr. 1—3. 1870.

Slavik, Alf. Monographie der Land- u. Süssw.-Moll. Böhmens. Conf. Martens in Malak. Bl. 1869. p. 229 et Kobelt in Nachr. malak. Ges. II. 1870. p. 77.

Stabile, Gius. Prospetto sistematico-statistico dei molluschi terrestri e fluviali viventi nel territorio di Lugano. Milano 1859.

— — Mollusques terrestres vivants du Piémont. Milan 1864.

Stoliczka, F. On the landshells of Penang island. Part. 1. Cyclostomacea. (Journ. As. Soc. Beng. XLI. 1872.) Conf. Journ. Conch. XXI. 1873. p. 165.

Strebel. Ueber mexicanische Landschnecken. 1873. (Abhandl. des Nat. Ver. Hamburg. VI. 1.)

Strobel, Pellegr. Material per una Malacostatica di terra e d'acqua dolce dell' Argentinia meridionale. Dispensa I. II. 1874. Conf. Martens in Jahrb. malak. Ges. II. 1875. p. 268.

Tapparone-Canefri. Zoologia del viaggio intorno al globo della regia fregata Magenta. Malacologia 1874.

Tryon, G. W. Monograph of North-American landshells in Amer. journ. conch. II. 1866. III. 1867. (Malak. Bl. XVIII. 1871. p. 83.)

Walderdorff, Rud., Graf v. Verzeichniss der im Kreise Cattaro etc. vorkommenden Land- und Süsswasser-Mollusken. (Verhand. zool. bot. Ges. Wien 1864.)

Westerlund, C. Agardh- Sveriges Land- och Sötvatten-Mollusker. Lund 1863.

— — Exposé critique des Mollusques de terre et d'eau douce de la Suède et de la Norvége. Nov. 1868. (Nov. Act. Upsal. ser. tertia VIII. 1871.) Conf. Kobelt in Nachr. malak. Ges. III. 1871. p. 156 et in Malak. Bl. 1871. p. 175.

— — Fauna molluscorum terrestrium et fluviatilium Sueciae, Norvegiae et Daniae. 1871. Pars 2. 1873.

PNEUMONOPOMA.

Subordo I. Opisophthalma.

Pfr. Mon. Pneum. I. p. 3; II. p. 3; III. p. 1.

Fam. I. Aciculacea.

Pfr. Mon. Pneum. I. p. 3; II. p. 3; III. p. 1. — *Pätel* Catal. 1873. p. 16. 117. — *Aciculidae Gray* Nomencl. of moll. anim. in the coll. of British Museum, Pt. 1. 1850. p. 67 et Catal. of Phaneropneumona 1852. p. 303. — *Truncatellidae H. & A. Adams.*

I. Acicula Hartmann.

Pfr. Mon. Pneum. I. p. 3; II. p. 3; III. p. 1. — *Pätel* Catal. 1873. p. 16. 117. — *Acme Hartm., Paladilhe* Nouv. misc. malac. Fasc. III. (Revue Zool. 1868. p. 225.) — *Sordelli* Notizie anatomiche sul genere Acme 1870. Conf. Bull. malac. ital. III. 1870. p. 58 et Journ. Conch. 1871. p. 84. — *Kobelt* Catal. 1871. p. 58. — *Schacko* in Jahrb. malak. Ges. II. 1875. p. 137. (Radula et maxilla.) — *Acmea Hartm.* — *Pupula Agassiz, Kregl.* Syst. Verz. 1870. p. 8.

Conspectus specierum.

A. Laevigatae	§. 1.	Nr.	1— 6.
B. Impressolineatae	§. 2.	—	7— 9.
C. Costulatae	§. 3.	—	10—12.

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§. 1.

1. polita Hartm. (Coll. 1.) I. 5. II. 4. III. 1. — *Friedel* in Malak. Bl. XVI. 1869. p. 26. — *Acme polita Hartm.*, *Palad.* Misc. III. p. 74 *); Rev. Zool. 1868. p. 233. t. 4. f. 1—3. — *Brusina* Contr. Malac. Croat. p. 31. — *Issel* App. al catal. moll. Pisa p. 15. — *Kob.* Cat. p. 58. — *Schacko* l. c. p. 149. t. 5. f. 5. — *Truncatella lubrica Held.* — *Acme fusca Dupuy?* — *Pupula acicularis polita Hartm.* — *Pupula polita Kregl.* Verz. p. 10. — *Acicula fusca Stein* Berl. p. 83. t. 2. f. 26. — Germania, Gallia, Helvetia, Dalmatia, Croatia, Italia superior, etc.

2. A. oedogyra (Acme) Paladilhe. †

„T. vix rimata, nitidissima, pellucida, plus minusve saturate succineo-fulvescente; spira cylindraceo-subovoidea, apice obtuso fere concolore; anfr. 6 convexis sat rapide accrescentibus, sutura submarginata separatis; ultimo $^1/_4$ longitudinis adaequante, ad insertionem labri paululum ascendente, margine libero regulariter subarcuato; apertura elliptico-rotundata, anfractu penultimo oblique truncata, subpiriformi, ad insertionem labri subangulata; perist. intus incrassatulo, vix expanso, extus limbo incrassato, laevi, nitido, regulari, concolore, ad marginem externum aperturae attingente, et basali margini parallelo, eleganter cincto; margine columellari reflexiusculo, perforationem umbilicalem minutissimam semi-obtegente; margine externo recto, vix arcuato; marginibus subparallelis, callo tenui junctis. — Operc. ignotum. — Alt. $2^3/_4$, diam. $^3/_4$ mill." (Pal.)

Acme oedogyra Palad. in Rev. Zool. 1868. p. 236; Nouv. misc. III. p. 77. t. 4. f. 4—6.

— — *Kobelt* Catal. p. 58.

Habitat Kieco (in Ucraina rossica?).

3. A. trigonostoma (Acme) Paladilhe. †

„T. exigua, vix rimata, cylindrica, gracili, polita, nitida, subpellucida, pallide cornea; spira elongata, exili, apice obtuso,

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*) „T. exigua, subimperforata, gracili, cylindracea, polita, nitida, fulva, subpellucida; spira elongata, apice obtuso, subpallidiore; anfract. 6 planiusculis, sutura subimpressa discretis, sat regulariter ac celeriter praecipue a tertio accrescentibus, ultimo $^1/_4$ longitudinis vix attingente, ad aperturam leviter ascendente, margine libero arcuatulo, subobliquo. Apertura verticali, acute semiovata, ad angulum superiorem insertionis labri externi acuta; perist. subcontinuo, obtusato, intus incrassatulo, parum expanso; margine columellari reflexiusculo, ad aperturam concaviter subarcuato; marginibus (externo et basali) arcuatis, extus annulo subpurpureo, prominente, subtili, stricto, parallelo, ad perforationem tantum desinente eleganter circumcinctis; marginibus callo junctis. — Operculum typicum. — Alt. $2^3/_4$, diam. $^2/_3$ mill." (Pal.)

pallidiore; anfr. 6 planis, sutura impressa sat profunda separatis, regulariter ac celeriter accrescentibus; ultimo $^1/_4$ longitudinis adaequante, ad aperturam non ascendente; margine libero vix arcuato, perobliquo; apertura subverticali, acute ovato-subtrigonali, ad marginem inferiorem rectum sat dilatata, ad superiorem insertionis labri externi angulum acuta; perist. subcontinuo, incrassatulo, obtusato, parum expanso; margine columellari vix reflexiusculo, peroblique ab axi testae recedente, nec non lineae parietis aperturalis (penultimo anfractu oblique efformatae) fere continuo; margine externo recto, ad junctionem cum basali arcuatulo, et, extus, annulo concolore, stricto, exili, incrassato, laevigato, parallelo, ad regionem umbilicalem tantum desinente eleganter circumcincto; marginibus lateralibus propter columellae obliquitatem superne approximatis, callo junctis. — Operc. ignotum. — Alt. $2^1/_2$, diam. vix $^2/_3$ mill.“ (P.)

Acme trigonostoma Palad. in Rev. Zool. 1868. p. 237; Nouv. misc. III. p. 79. t. 4. f. 13—15.
— — *Kobelt* Catal. p. 58.

Habitat circa Neu-Breisach Alsatiae.

4. A. banatica (Acme) Dupuy. †

„T. *Acme polita* fere duplo major (Rossm.), fortior, apertura versus partem inferiorem marginis externi magis dilatata, minus regulariter rotundata, margine externo antrorsum magis projecto, etc.“ (P. ex icone.)

Pupula lineata var. Banatica Rossm. Icon. XI. p. 12. t. 53. f. 736.
Acicula polita var. *β* (an propria species?) *Pfr.* Mon. Pneumonop. I. p. 5.
— *banatica Möllend.* Beitr. Faun. Bosn. 1873. p. 56.
Acme Banatica Dupuy Moll. France p. 525. (Nomen.)
— — *Paladilhe* in Rev. Zool. 1868. p. 273; Nouv. misc. III. p. 80.
— — *Kobelt* Catal. p. 58.
— — *Schacko* in Jahrb. malak. Ges. II. 1875. p. 141. t. 4. f. 2.

Habitat in Banatu.

5. A. Dupuyi (Acme) Paladilhe. †

„T. parvula, fere imperforata, aut saltem subobtecte rimata, subcylindrica, polita, nitida, subpellucida, pallide corneo-fulva; spira elongatula, subattenuata, obtusa, apice obtuso, pallidiore; anfr. 6—7 planiusculis, sutura sat profunda separatis, regulariter accrescentibus; ultimo $^1/_3$ longitudinis vix

adaequante, ad aperturam ascendente; margine libero rectiusculo axique testae vix subobliquo; rima umbilicali fere omnino obtecta, depressionem strictam basi ultimi anfractus semi-circumdatam efformante; apertura paululum obliqua, subelliptica, anfractu penultimo suboblique truncata, superne ad insertionem marginis externi subangulata; perist. subcontinuo, intus incrassatulo, vix expanso; margine externo recto, extus ad basin ultimi anfractus vix incrassatulo-limbatulo; marginibus subparallelis, callo tenui junctis. — Operc. typicum. — Alt. $3^1/_4$, diam. 1 mill.“ (P.)

Cyclostoma fuscum Moq.-Tand. Mém. moll. Toul. p. 14. n. 44.
Acme fusca Dupuy Catal. extram. Gall. Nr. 2; Hist. moll. France p. 527. t. 27. f. 1.
— — (subg. *Platyla*) *Moq.-Tand.* Moll. France p. 509. t. 8. f. 8—16.
— — ? *Michaud* in Journ. Conch. X. 1862. p. 82. t. 4. f. 11 (foss. Hauterive).
— *Dupuyi Palad.* in Rev. Zool. 1868. p. 274; Nouv. misc. III. p. 81. t. 4. f. 10—12.
— — *Kobelt* Catal. p. 58.

Habitat in parte septentrionali et occidentali Galliae.

Obs. „Differt ab *A. polita* forma magis conica, anfractuum convexiorum numero, apertura verticali fere quadrangulari, columella verticali et absentia annuli externi peristomatis.“

6. A. subdiaphana (Bulimus) Bivona. †

„T. imperforata, minima, attenuato-cylindracea, subdiaphana, flavidula, nitidissima, polita; spira lanceolato-attenuata; apice obtuso; anfractibus 7 convexo-planis, regulariter crescentibus, ad suturam linea rubra cinctis, ac sutura impressa separatis; apertura ovato-rotundata; peristomate violaceo ac incrassato. — Alt. $2^1/_2$, diam. $^2/_3$ mill.“ (Pal.)

Bulimus subdiaphanus Bivona Nuovi moll. terr. e fluv. dint. di Palermo (1839) p. 20. f. 10.
Acme subdiaphana Palad. in Rev. Zool. 1868. p. 277; Nouv. misc. III. p. 84.
— — *Kobelt* Catal. p. 58.

Habitat in vicinio urbis Palermo, lecta in alluviis rivulorum.

§. 2.

7. lineata (Bulimus) Drap. (Coll. 2.) I. 4 (*fusca*). II. 3. III. 1. — *Turbo* . . . (absque nomine specifico) *Walk.*, *fuscus Mont.* — *Auricula lineata Drap.* — *Helix cochlea Stud.* — *Carychium lineatum Fer.*, *fuscum Flem.* — *Acicula lineata Hartm.*, *fusca Pätel* Cat. p. 117. —

Acme lineata Hartm., *Palad.* Misc. III. p. 85 *); Rev. Zool. 1868. p. 277. — *Schacko* l. c. p. 145. t. 5. f. 3. K. — *Acme fusca Beck.* — *Cyclostoma lineatum Porro.* — *Truncatella lineata Held.* — *Pupula lineata Agass.*, *Stabile* Faun. Elvet. p. 45. — *Kregl.* Verz. p. 9. — *Pupula acicularis lineata Hartm.* — Germania, Helvetia, Gallia, Britannia, etc.

8. A. Lallemanti (Acme) Bourguignat. †

„T. cylindrica, subimperforata, nitida, subpellucida, corneo-fulva, lineis longitudinalibus tenuissimis, valde numerosis, tum distantibus, tum approximatis, irregulariter insculpta, ad suturam lineolis vix impressis, evanescentibus, subsulcata; spira elongatulo-subcylindriformi, ad apicem laevigatum, pallidiorem, obtusum, vix attenuata; anfractibus 6—7 planiusculis, sat regulariter altitudine accrescentibus, sutura vix submarginata parum impressa separatis, ultimo leviter ad aperturam ascendente, $^1/_4$ longitudinis vix attingente, ad marginem liberum subarcuato; apertura subverticali, ovali-elliptica, superne ad insertionem labri subangulata; peristomate obtusato, intus minime incrassatulo; margine columellari reflexiusculo; externo fere verticali, raro et in peradultis modo speciminibus, extus subincrassato-limbato; marginibus lateralibus subparallelis, callo junctis. — Operc. ignotum. — Alt. $3^1/_2$, diam. 1 mill.“ (Pal.)

Acme Lallemanti Bourg. Malac. Alger. II. p. 220. t. 13. f. 36—41.
— — *Palad.* in Rev. Zool. 1868. p. 321; Nouv. misc. III. p. 91.
— — *Kobelt* Catal. p. 58.

Habitat in Algeria et in peninsula hispanica (Bourguignat).

9. A. Benoiti (Acme) Bourguignat. †

„T. cylindrica, imperforata, aut saltem obtecte rimata, nitidissima, diaphana, corneo-flavidula, lineis longitudinalibus

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*) „T. subimperforata, cylindracea, vix semifusiformi, lineis longitudinalibus parallelis, subtilibus, regulariter distantibus eleganter insculpta, nitida, subpellucida, corneo-fusca (in speciminibus post mortem incolae lectis subfulva); spira ad apicem pallidiorem obtuse attenuata; anfract. 6—7 planiusculis, regulariter et sat rapide accrescentibus, sutura submarginata, parum profunda distinctis; ultimo $^1/_4$ longitudinis subaequante, ad insertionem labri vix ascendente; apertura ovato-subpiriformi, superne angulata (angulo ad sinulum parte superiori marginis externi efformatum respondente); perist. subcontinuo, subobtusato, intus incrassatulo; marginibus lateralibus callo tenui junctis subparallelis; columellari reflexiusculo, dextro extus vix incrassatulo (sed, propter testae perluciditatem, perinde ac si limbo externo munitus esset apparente) antice paulullum provecto arcuatoque, initium sinuli ad partem superiorem aperturae formante. — Operc. typicum. — Alt. $2^1/_2$—4, diam. $^2/_3$—1 mill.“ (Pal.)

parallelis, distantibus sat regulariter insculpta; spira elongata, sensimque a basi ad apicem laevigatum, obtusulum, pallidiorem attenuata; anfr. 7—8 convexiusculis, lente ac regulariter accrescentibus, sutura submarginata parum profunda separatis; ultimo, ad aperturam, $^1/_5$ testae longitudinis adaequante, lente ac regulariter sed perspicue ascendente; margine libero subarcuato, inferne paululum provecto; apertura ovali-rotundata, dextrorsum leviter obliqua, ad insertionem labri subacute angulata; perist. obtuso subpatulo; margine columellari intus subexcavato, incrassato, reflexiusculo; margine basali subarcuato; externo oblique descendente, intus incrassatulo, leviter expanso, extus callo albido effuso, laevigato, parum prominente instructo; marginibus lateralibus callo junctis; columella saepius per testae transluciditatem conspicua. — Operculum ignotum. — Alt. 4, diam. 1 mill.“ (Pal.)

Pupula lineata Calcara Molluschi Palerm. p. 84.
Acme lineata Benoit in litt.
— *Benoiti Bourg.* Malac. Alg. p. 218.
— — *Palad.* in Rev. Zool. 1868. p. 323; Nouv. misc. III. p. 93.
— — *Kobelt* Catal. p. 58.
— — *Schacko* in Jahrb. malak. Ges. II. 1875. p. 147. t. 5. f. 4.

Habitat in Sicilia.

§. 3.

10. spectabilis (Carychium) Rossm. (Coll. 3.) I. 6. II. 4. III. 1. — *Gredl.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 915. — *De Betta* Moll. Veron. 1870. p. 102. — *Pätel* Cat. p. 117. — *Truncatella spectabilis Held, Walderd.* Syst. Verz. Cattaro p. 9. — *Pupula spectabilis Rossm., Kregl.* Verz. p. 10. — *Acme spectabilis Palad.* Misc. III. p. 95 *); Rev. Zool. 1868. p. 325. t. 4. f. 7—9. — *Kob.* Cat. p. 58. — *Brusina* Contr. Malac. Croat. p. 31: Zrinj. — *Schacko* l. c. p. 138. t. 4. f. 1. — Var. *β. veneta Pirona* 1865. — *Acicula veneta De Betta* Malac. Venet. p. 89. — Austriae provincia littoralis, Tirolia, Carniolia, Croatia, prov. Veneta.

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*) „T. cylindraceo-conica, imperforata, nitida, parum diaphana, fusco-rubella, confertim subtiliter, regulariter eleganterque costulata; spira elongato-attenuata, apice laevigato, concolore, obtusiusculo, fusco; anfract. 7—8 convexiusculis, subplanulatis, regulariter accrescentibus, sutura subtiliter marginata, parum profunda discretis; ultimo, ad marginem liberum, $^2/_7$ longitudinis vix adaequante, ad aperturam sat rapide ascendente, margine libero vix arcuato, leviter provecto, sinulum breve, strictum ad insertionem efformante; apertura subverticali, suboblique semi-ovali ad labri insertionem subangulato-sinuata; perist. obtuso, incrassato, rectiusculo, extus limbo nitido, laevigato, patulo, perfecte circumscripto, et marginibus liberis parallelo, eleganter cincto; margine columellari vix reflexiusculo, subarcuato; externo paululum provecto, leviter sinuato, ad insertionem leviter soluto, sinulum efformante; marginibus subparallelis intus subexcavatis, remotis, callo vix conspicuo junctis. — Operc. normale. — Alt. $5^1/_2$, diam. $1^1/_2$ mill.“ (Pal.)

11. Moutoni (Acme) Dupuy. †. II. 4. III. 1. — *Acme rimosa Moq.-Tand.* olim. — *Acme Moutoni Palad.* Misc. III. p. 97 *); Rev. Zool. 1868. p. 327. — *Kob.* Cat. p. 58. — Gallia.

12. A. Letourneuxi (Acme) Bourguignat. †

„T. subimperforata, attenuato-cylindracea, nitidula, subpellucida, corneo-flavidula, costulis capillaceis longitudinalibus confertim nec non eleganter ornata; spira elongato-attenuata, apice laevigato, pallidiore, obtuso; anfract. 7 subplanulatis, regulariter et sat rapide accrescentibus, sutura in ultimis anfractibus quasi submarginata, sat profunda separatis; ultimo convexiusculo, $^1/_4$ longitudinis aequante, basi depressionem umbilicalem infundibuliformem semicircumdante, ad aperturam sensim ac leniter ascendente; margine libero recto; apertura subverticali, ovali, superne ad insertionem labri angulata; perist. simplice, recto, vix incrassato; margine columellari recto, superne vix reflexiusculo; dextro recto, subsimplice, marginibus callo tenui junctis. — Operc. ignotum. — Alt. $3^1/_2$, diam. $^3/_4$ mill.“ (Pal.)

Acme Letourneuxi Bourg. Malac. Alger. p. 221. t. 13. f. 31—33.
— — *Palad.* in Rev. Zool. 1868. p. 329; Nouv. misc. III. p. 99.
— — *Kobelt* Catal. p. 58.

Habitat in Algeria. Lecta in alluvionibus fluvii Harrach prope „Maison Carrée“.

Species fossiles.

A. microceras A. Br., Sandberger Conch. Mainz. Tert. Beck. p. 11. t. 6. f. 2. (Reuss.)

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*) „Testa cylindracea, subimperforata, parum solida, flavida, nitida, subdiaphana, costulis capillaceis confertissimis, subflexuosis, regularibus eleganter decorata; spira cylindracea, obtusa vertice parum attenuata, apice laevigato, obtusissimo; anfract. 7 convexo-planulatis, regulariter et sat rapide accrescentibus, sutura impressa separatis; ultimo $^1/_4$ longitudinis, ad aperturam, paulisper superante, ad insertionem labri non ascendente; margine libero, ab insertione scilicet usque ad dimidiam partem, obliquiter ac subrecte valde provecto, inde subarcuato; umbilico obtecto, depressionem ultimi anfractus basi subcompressa semicircumdatam efformante; apertura oblique piriformi-ovata, superne ad sinulum obliquum, strictum, marginis externi insertione efformatum, angulata; perist. disjuncto, intus subpatulo, in vivis speciminibus carnescente labiato; margine columellari reflexiusculo, dextro subpatulo, vix expanso, subparallelis. — Operc. normale, corneum, tenuissimum. — Alt. 3, diam. 1 mill.“ (Pal.)

A. limbata Reuss in Sitz. Ber. Ak. Wien XLII. 1860. Nr. 21. p. 61 *). — *Acme fusca Reuss* in Palaeontogr. II. p. 40. t. 3. f. 16.
? *Acme conica Michaud* in Journ. Conch. X. 1862. p. 82 **).

Excludendae:

Acicula striata Gray, Pfr. II. 4 = Truncatella striata.
— *Simoniana Charp., Pfr.* III. 1. = Moitessieria Simoniana Bourg.
— *(Acme) constellata Reuss* Palaeontogr. II. p. 41 (*Pfr.* III. 2) = Pupae spec. (*Reuss* in Sitz. Ber. Ak. Wien XLII. 1860. p. 62.)

II. Geomelania Pfr.

Pfr. Mon. Pneum. I. p. 7; II. p. 5; III. p. 2. — *Pätel* Catal. 1873. p. 16. 117: genus Aciculaceorum. — Omnes species hodie notae Jamaicenses.

Species:

1. Jamaicensis Pfr. (Coll. 1.) I. 7. II. 5. — *Pätel* Cat. p. 117.
2. minor C. B. Adams. (Coll. 2.) I. 8. II. 5. — *Gloyne* in Journ. Conch. XX. p. 36. — *Pätel* Cat. p. 117.
3. fortis }
4. magna } C. B. Adams. † I. 8. II. 5.
5. procera }
6. gracilis } C. B. Adams. † I. 9. II. 5.
7. typica }
8. expansa }
9. affinis } C. B. Adams. † I. 10. II. 5.
10. media }
11. vicina }
12. Hilliana } C. B. Adams. † I. 11. II. 5.
13. exilis }

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*) „Testa imperforata, fere cylindracea, versus verticem perobtusum lentissime et parum attenuata; anfractus 7, plani, subaequales, sutura levi tamen distincta separati, primus minimus, vix e secundo amplectente productus; stria elevata, filiformis in margine supero anfractus cujusvis immediate infra suturam; apertura semiovalis, superne acuminata; testa sublaevigata lineis impressis, angustis, verticalibus, inaequidistantibus, remotis notata.“ (R. germ.)

**) Testa ovato-conica, laevissima; anfractibus quinis convexis, sutura profunda separatis; apertura ovata, superne angulata; peristomate simplici, acuto; apice obtuso. — Long. 2—3, diam. anfr. ult. plus quam 1 mill. — Hauterive, Drôme.“ (*Michaud.*)

14. paupérata } C. B. Adams. † I. 12. II. 5.
15. conica }
16. pyramidata }
17. costulosa } C. B. Adams. † I. 13. II. 5.
18. striosa }
19. elegans C. B. Adams. † I. 14. II. 5.
20. inornata } Chitty. † II. 6.
21. parva }

Species exclusae:

Geomelania Beardsleana }
— *Greyana* } *C. B. Adams* = Truncatella.
— *pygmaea* }
— *sinuosa Chitty* = Chittya Livesay.

III. Chittya Livesay.

Pfr. Mon. Pneum. III. p. 2. — *Pätel* Catal. 1873. p. 16. 117: genus Aciculaceorum.

Species unica:

1. sinuosa (Geomelania) Chitty. † II. 5 (Geomelania). III. 3. — Jamaica.

IV. Truncatella Risso.

Pfr. Mon. Auric. App. II. 1856. p. 175 et in Catalogo Musei Britannici (Auriculidae etc. 1857); Mon. Pneum. II. p. 6; III. p. 3. — *W. G. Binney* Land- and freshw. shells North-Amer. III. 1865. p. 97: genus Truncatellidarum. — *Bland* in Amer. journ. conch. II. 1866. p. 59. — *Martens* Ostas. Zool. II. p. 162. — *Pätel* Catal. 1873. p. 16. 117. — *Truncatula Leach.* — *Choristoma Crist. & Jan.* — *Erpetometra Lowe.* — *Fidelis Risso.*

Species nonnullas cylindrellaeformes terrestres, a C. B. Adams Cylindrellis adscriptas, tum ab ipso aliisque ad Geomelaniam relatas, ob deficientem hujus characterem genericum

jam in Supplemento secundo (1865) Truncatellis adnumeravi. Genus *Blandiella Guppy**) pro iisdem formis conditum videtur.

Species peristomate soluto et antrorsum producto praeditae et formatione operculi discrepantes (?) ab H. & A. Adams (Ann. and Mag. nat. hist. Jan. 1863) et Pease (Journ. Conch. XIX. 1871. p. 96) tamquam subgenus vel genus proprium nomine *Taheitiae* distinctae sunt.

Conspectus specierum.

A. Montanae: *Blandiella*	§. 1.	Nr.	1 — 8.
B. Littorales.			
1. Peristomate adnato.			
a. Laevigatae (saepe variabiles)	§. 2.	—	9 —21.
b. Costulatae	§. 3.	—	22—42.
c. Crassicostatae	§. 4.	—	43—51.
2. Peristomate libero porrecto .	§. 5.	—	52—62.

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§. 1.

1. elongata Poey. (Coll. 1.) Auric. 192. Pneum. II. 8. III. 3. — Cuba.
2. lirata Poey. (Coll. 2.) Pneum. II. 8. III. 3. — Cuba.
3. filicosta Gundl. (Coll. 3.) Pneum. III. 4. — *Pätel* Cat. p. 117. — Cuba.
4. Wrighti Pfr. (Coll. 3.) Pneum. III. 4. — Cuba.
5. Greyana (Cylindrella) C. B. Adams. (Coll. 5.) Pneum. III. 5. — *Geomelania Greyana Adams*, *Pätel* Cat. p. 117. — *Cylindrella Greyana Pfr.* Hel. III. 575; IV. 706; Chemn. ed. nov. p. 29. — *Cyl. Greyana* (Scalatella) *Alb.* Helic. ed. *Mart.* p. 41. — Jamaica.
6. Beardsleana (Cylindrella) C. B. Adams. † Pneum. I. 12. II. 5 (Geomelania). — *Geomelania Beardsleana Pätel* Cat. p. 117. — Jamaica.
7. pygmaea (Cylindrella) C. B. Adams. (Coll. 6.) Helic. II. 386 (Cylindrella). Pneum. I. 12. II. 5 (Geomelania). III. 5. — *Geomelania pygmaea Pätel* Cat. p. 117. — Jamaica.

8. **Tr. reclusa (Blandiella) Guppy.** †

„Testa cylindrica, albido-cornea, solidula; anfr. adult. 5—6 (truncatione amissis circa 4), costulis circa 30 subtilibus, leviter

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*) „Testa imperforata, cylindrica, cornea, vix nitens, anfr. numerosi, convexiusculi, lente accrescentes, sinuato-costellati; ultimus paulum productus; apex obtusus, truncatus; apertura subovalis; peristoma expansum, continuum, paulum reflexum. Operculum paucispirale, interne cartilagineum, externe calcareum, rugosum. Testa Geomelaniae similis sed sine appendice linguiforme.“ (*Guppy* in Amer. journ. conch. VI. 1871. p. 309.)

sinuatis ornati; peristoma album, nitidum, incrassatum, continuum, subreflexum, praesertim antice. Operculum paucispirale, pagina externa calcarea et serie tuberculorum subirregularium, elongatorum, prope marginem externum altissimorum corrugata; interna cartilaginea marginibus tenuibus externam superante. — Long. (trunc.) 7, lat. max. $2^1/_2$ mill." (G. angl.)

Blandiella reclusa Guppy in Amer. journ. conch. VI. 1871. p. 309. t. 17. f. 7. 8.

Habitat „Cerros of Oropuche" insulae Trinidad.

§. 2.

9. marginata Küst. (Coll. 7.) Aur. 186. Pneum. III. 5. — *Martens* Ostas. Zool. II. p. 163. — *Cox* Mon. Austr. landsh. p. 92. t. 15. f. 8. 8 a. b. — *Pätel* Cat. p. 118. — *Issel* Moll. Born. p. 89. — Borneo, Australia.
10. Ceylanica Pfr. (Coll. 8.) Aur. 186. Pneum. III. 5. — *H. Nevill* Enum. Pneum. Ceyl. 1871. p. 6. — Ins. Ceylon.
11. subcylindrica Gray. (Coll. 9.) Aur. 186. Pneum. III. 5. — *Binn.* Amer. landsh. III. p. 100. f. 201. — *Tryon* in Amer. journ. conch. IV. p. 14. t. 18. f. 29—31. — *Pätel* Cat. p. 118. — India occidentalis, Florida.
12. californica Pfr. (Coll. 10.) Pneum. II. 7. III. 5. — *Binn.* Amer. landsh. III. p. 100. f. 202. — *Tryon* in Amer. journ. conch. IV. p. 15. t. 18. f. 37. — California.
13. truncatula (Cyclostoma) Drap. (Coll. 11.) Aur. 188. Pneum. II. 7. III. 5. — *Paiva* Mader. p. 162. (?) — *Weink.* Conch. Mitt. II. p. 317. — *Appelius* Conch. del mar tirreno p. 36; Bull. malac. ital. II. 1869. p. 193. — *Petit* Moll. test. mers d'Europe p. 129. — *Kregl.* Syst. Verz. p. 8. — *Pätel* Cat. p. 118. — *Kleciak* Cat. moll. marin. Dalm. p. 30. — *Jickeli* Afr. Moll. p. 188. — *Truncatella costulata* et *laevigata Risso, Hammerschmidtii Charp., exilis Menke?* — *Acmea truncata Hartm.* — *Choristoma truncatula Jan.* — *Paludina truncata Payr.* — *Rissoa truncata Phil., hyalina Desmar.* — Juv.: *Fidelis Theresa Risso.* — *Paludina Desnoyersi Payr., strigillata Parr.* — *Rissoa Desnoyersi Phil.* — Europa meridionalis, Madera.
14. Lowei Shuttl. † Pneum. II. 7. III. 5. — *Mouss.* Canar. p. 147. — Teneriffa.

15. Tr. tatarica Schrenck. †

„Testa subrimata, adulta truncata, subcylindrica, sursum paullo attenuata, tenui, nitidula, laevigata, e fulvo viridescente, pellucida; spira plus minus erosa; sutura mediocri, recta; anfractibus superstit. $3^1/_2$—4, convexiusculis, ultimo magno, basi rotundato; apertura subverticali, magna, ovata, basi subeffusa; peristomate continuo, fusco-nigro, recto, labio subreflexo; operculo immerso, plano, tenui, pellucido, subspirato. — Long. 6—7, lat. $2^1/_2$—$2^3/_4$; apert. long. $2^1/_2$—$2^3/_4$, lat. $1^3/_4$—2 mill.; ang. apic. 15⁰." (v. Schr.)

Truncatella tatarica L. v. Schrenck Bull. Ac. Pet. IV. p. 409; Reisen u. Forsch. im Amurl. II. p. 310. t. 14. f. 10—13.

Habitat ad „Bai de Castries".

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16. Montagui Lowe. (Coll. 12.) Pneum. II. 8. III. 5. — *Pätel* Cat. p. 118. — *Helix subcylindrica Linn.* Mus. teste *Hanley.* — *Turbo truncatus* et *subtruncatus Mont.* — *Truncatula truncata Leach.* — *Truncatella subcylindrica Sow.* Ill. ind. t. 16. f. 12. — Britannia, Istria, Sicilia.
17. pellucida Dohrn. (Coll. 13.) Pneum. III. 5. — *Pätel* Cat. p. 118. — Arabia.

18. Tr. diaphana Gassies. †

„Testa imperforata, cylindraceo-attenuata, nitida, diaphana, corneo-subflavida vel albella, longitudinaliter striatula, ad suturam costulata, prope labrum sculpta; sutura profunda, anfr. superioribus depressa, inferioribus crenulata; apice truncato, excavato; anfr. 4 modice convexi, ultimus subascendens; apertura verticalis, angulato-ovalis; peristoma continuum, subincrassatum, superne et inferne angulatum, margine dextro reflexiusculo, columellari crasso, expansiusculo. — Diam. 2, alt. $5^1/_2$—6 mill. Apert. $1^1/_2$ mill. longa, 1 lata." (G.)

Truncatella diaphana Gass. in Journ. Conch. XVII. 1869. p. 78.

Habitat ad insulam Art Novae Caledoniae (Montrouzier).

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19. pulchella Pfr. (Coll. 14.) Aur. 192. Pneum. II. 8. III. 5. — *Binn.* Amer. landsh. III. p. 99. f. 200. — *Tryon* in Amer. journ. conch. IV. p. 15. t. 18. f. 34—36. — *Pätel* Cat. p. 118. — *Gloyne* in Journ. Conch. XXIII. 1875. p. 123. (errore *Tr. bilabiata Gloyne* ibid. XX. p. 37.) — Cuba, Florida, Jamaica.

20. Tr. semicostulata Jickeli. †

„Testa imperforata, cylindracea, solidula, pallide succinea, sub lente obsoletissime per longitudinem costulato-striata; anfr. superst. 4, convexiusculi, ultimus basi leviter attenuatus; sutura subobliqua; apertura subverticalis, oblique ovalis, superne angulata; peristoma continuum, labiato-incrassatum, margine dextro subdilatato. — Alt. 4, diam. maj. $1^1/_2$; apert. alt. $1^1/_3$, lat. $^7/_8$ mill." (J.)

Truncatella semicostulata Jick. Moll. Nordost-Afr. 1874. p. 189. t. 7. f. 8.

Habitat Dahlak Maris Rubri.

Obs. „Peraffinis *Tr. pulchellae Pfr.*, sed subtilius striata, basi non cristata et peristomate non duplicato."

21. Tr. debilis Mousson. †

„Testa minuta, rimata, cylindracea, tenuis, costulis interdum vix perspicuis, supra distinctioribus (26 in anfractu) ornata, subdiaphana, flavo-cornea. Spira laxa, quasi truncata; nucleo magno, obtuso, laevigato, integro, cylindrico, sutura profunda. Anfr. $4^1/_2$ convexi, medio planiusculi, subaequales; ultimus non descendens, $^1/_3$ longitudinis non aequans, ad basin snbattenuatus, politus. Apertura verticalis, parvula, oblique ovalis, supra subangulata. Peristoma continuum crassiusculum, expansiusculum; margine dextro obtusulo, extus duplicato, parietali breviter adnato, calloso. — Long. 4, diam. 1 mill. — Rat. anfr. 4:1. — Rat. apert. 3:2.“ (M.)

Truncatella debilis Mouss. in Malak. Bl. XXI. 1873. p. 156; Jahrb. malak. Ges. I. 1874. p. 99. t. 5. f. 3.

Habitat ad finem fluvii Rabat imperii Maroccani (v. Fritsch et Rein).

§. 3.

22. ? striata (Cyclostoma) Quoy & Gaim. † Pneum. 6. II. 4 (Acicula). III. 5. — *Truncatella Quoyi Pfr.* olim. — Vanikoro.

23. valida Pfr. (Coll. 15.) Aur. 184. Pneum. II. 6. III. 6. — *Martens* Ostas. Zool. II. p. 262. — *Pätel* Cat. p. 118. — Ins. Philippin., Nova Caledonia, Malacca, Samoa. (*Pease* in Proc. Zool. Soc. 1871. p. 477.)

24. Tr. Yorkensis Cox. †

„Testa vix rimata, cylindrica, attenuata, tenuiuscula, costulis pallide flavis, vix undulatis, parum elevatis, laevibus, interstitiis diaphanis, calcareo-albis et aequidistantibus, sutura incisa; anfr. superst. 4, leviter convexi, ultimus elongatus; apertura verticalis, ampla et late ovalis, superne angulata; perist. album, continuum, subincrassatum, rectum, margine columellari expanso et modice reflexo. — Operc. ? — Long. 0,34, lat. 0,13; apert. long. 0,08 poll.“ (C. angl.)

Truncatella Yorkensis Cox Monogr. Austr. landsh. p. 93. t. 15. f. 11. 11 a. b.

Habitat Cape York Australiae (Damel).

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25. Vitiana Gould. (Coll. 16.) Aur. 184 (*conspicua*). Pneum. II. 6. III. 6. — *Pätel* Cat. p. 118. — *Truncatella conspicua Bronn, Pätel* Cat. p. 118. — *Truncatella Vitiacea Mouss.* in Journ. Conch. XIII. p. 185, *Vitiana Mouss.* ibid. XVII. 1869. p. 356; XXI. 1873. p. 109. — *Taheitia vitiana Pease* in Proc. Zool. Soc. 1871. p. 477: Samoa. — Ins. Philippin., Feejee, Ellice.

26. Tr. rustica Mousson. †

„T. rimato-imperforata, cylindracea, costulis pervalidis transversim ornata, grisea. Spira cylindracea, paulo attenuata; summo decollato; sutura impressa, bicrenata. Anfr. persistentes 5, convexiusculi, supra subimpressi, ultimus parvulus, subdiminutus, subtus ad rimam appressus, cristam validam insignem circum aperturam prolatam emittens. Apertura verticalis, parva, $^1/_5$ longitudinis aequans, oblique ovata. Perist. fortissime incrassatum, obtusissimum; marginibus callo parietali crasso, ad insertionem superam crassissimo junctis; externo arcuato, costa basali crassa duplicato; columellari valido, rimam superstruente. Operculum crassum, callosum.—Diam. maj. $2^1/_2$, min. 2, altit. $6^1/_2$ mill. —Rat. anfr. 5:7. Rat. apert. 4:5." (M.)

Truncatella rustica Mouss. in Journ. Conch. XIII. 1865. p. 186. t. 14. f. 8; XIX. 1871. p. 30.

— — *Pätel* Catal. p. 118.

Habitat in insulis Uvea et Uea (Gräffe).

27. Tr. Futunaënsis Mousson. †

„T. rimata, conico-turrita, plerumque truncata, solidula, valide costulata, albida. Spira interdum persistens, acute conica; summo granuliformi, obtusulo; sutura impressa, interdum tenuiter marginata, costulis non tacta. Anfr. in speciminibus adnatis 5 persistentes, in integris 11; superi magis, inferi minus, sed satis convexi, costulis validis 20—22 subarcuatis, interstitiis paulo majoribus alternantibus, ornati; ultimus ad basin subattenuatus, crista brevi, subcrenulata munitus. Apertura verticalis, parvula, oblique late ovalis. Perist. subsolutum, obtusum, incrassatum, margine dextro expansiusculo, antice in medio paulo protracto, extus costa insigni peracuta, de crista basali oriente in anfractu penultimo inserta, duplicato; columellari et parietali subsolutis, reflexiusculis. — Long. (sp. integr.) 10,8, diam. 2,8 mill. — Rat. anfr. 5:1. — Rat. apert. 5:4." (M.)

Trucatella Futunaensis Mouss. in Journ. Conch. XIX. 1871. p. 30.

— — *Pätel* Catal. p. 117.

Habitat insula Tongana Futuna (Gräffe).

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28. Pfeifferi Martens. † Pneum. III. 6. — *Martens* Ostas. Zool. II. p. 14. — *Cox* Mon. Austr. landsh. p. 94. — Japonia, Australia.

29. Guerini Villa. (Coll. 17.) Aur. 184. Pneum. II. 6. III. 6. — Ins. Mauritius.

30. Tr. pacifica Pease. †

„T. subrimata cylindracea, truncata, sursum leviter attenuata, solidiuscula, nitidula; costis verticalibus, prominentibus, paulum curvatis, numero apud 25; sutura impressa; anfr. 4—5, subconvexi, ultimus basi rotundato-carinatus; apertura verticalis, angulato-ovalis; perist. continuum, expansiusculum, adnatum; alba aut pallide rosacea. — Alt. 8, diam. 3 mill.“ (P.)

Truncatella pacifica Harper Pease in Amer. journ. conch. III. 1867. p. 230. t. 15. f. 27.

Habitat in incula Oualan Polynesiae.

31. Tr. ferruginea Cox. †

„Testa subrimata, solidula, cylindrica, attenuata, truncata, subrubescens („*dull reddish*“), costulata, costis numerosis, valde elevatis, regularibus, vix undulatis, interstitiis laevibus; anfr. 4, gradatim accrescentes, sutura profunda, non rugosa („*puckered*“); apertura verticalis, ovalis, superne acuminata; perist. valde incrassatum, continuum, pallidum, nitidum; columella callosa, incrassata, cum peristomate continua. — Operc.? — Long. 0,28, lat, 0,12; long. apert. 0,08 poll.“ (C. angl.)

Truncatella ferruginea Cox Monogr. Austr. landsh. p. 94.

Habitat Cape York Australiae (Damel).

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32. aurantia Gould. † Pneum. II. 6. III. 6. — *Martens* Ostas. Zool. II. p. 163. — *Issel* Moll. Born. p. 89. — Borneo.
33. Caribaeensis Sow. (Coll. 18.) Aur. 185. Pneum. II. 7. III. 6. — *Binn.* Amer. landsh. III. p. 98. f. 198. — *Tryon* in Amer. journ. conch. IV. p. 14. t. 18. f. 27. 28. — *Pätel* Cat. p. 117. — *Truncatella variabilis Pfr., Gouldii C. B. Adams, Guerini Parr., succinea C. B. Adams.* — India occidentalis, Florida, respubl. mexicana.
34. semicostata Montrouz. (Coll. 19.) Pneum. III. 6. — *Gassies* Faune Nouv. Caléd. p. 73. t. 8. f. 2. — *Pätel* Cat. p. 118. — Nova Caledonia, ins. Art.
35. Bairdiana C. B. Adams. (Coll. 20.) Aur. 187. Pneum. II. 7. III. 7. — Panama.
36. teres Pfr. (Coll. 21.) Aur. 188. Pneum. II. 7. III. 7. — *Cox* Mon. Austr. landsh. p. 92. t. 15. f. 9. 9 a. b. — *Pätel* Cat. p. 118. — *Crosse* in Journ. Conch. XXII. 1874. p. 240. — *Jickeli* Afr. Moll. p. 188. — Ins. Mauritius, Rodriguez, Australia.
37. Barbadensis Pfr. (Coll. 22.) Aur. 192. Pneum. II. 8. III. 7. — Ins. Barbados.
38. bilabiata Pfr. (Coll. 23.) Aur. 192. Pneum. II. 8. III. 7. — *Binn.* Amer. landsh. III. p. 99. f. 199. — *Tryon* in Amer. journ. conch. IV. p. 14. t. 18. f. 32. 33. — *Pätel* Cat. p. 117. — Cuba, Florida, respubl. mexicana.
39. modesta C. B. Adams. † Aur. 193. Pneum. II. 8. III. 7. — Jamaica.

40. Tr. concinna Pease. †

„T. imperforata, cylindracea, elongata, tenuiuscula, nitida, alba, straminea vel rufo-cornea, confertim et recte costulata, costis in anfr. ultimo circa 31; anfr. superst. 4, plano-convexi, ultimus ad basin cristo-costatus; apertura subobliqua, ovalis, postice vix angulata; perist. simplex, continuum, subincrassatum, album, adnatum. — Long. 7, diam. $2^1/_2$ mill.“ (P.)

Truncatella concinna Harper Pease in Proc. Zool. Soc. 1871. p. 468.

Habitat in insula Apaiang Polynesiae (Kingsmill).

Obs. „Species *Tr. scalariformi Reeve* proxime affinis.“

41. Tr. costellifera Pease. †

„T. crassa, non rimata, elongata, turrito-cylindracea, parum nitens, rubello-flavescens, longitudinaliter costata, costis rectis, compressis, in anfr. ultimo circa 20; anfr. persistentes 5, convexi, ultimus circa basin compresso-costatus; apertura vix obliqua, ovalis; perist. simplex, continuum, adnatum; labrum dextrum acutum, intus vix incrassatum, extus prope marginem fortiter costatum, costa compressa, prominente, circa basin extensa, cum costa umbilicali continua. — Long. 7, diam. $2^1/_2$ mill.“ (P.)

Truncatella costellifera Harper Pease in Proc. Zool. Soc. 1871. p. 468.

Habitat in insula Vavau (Brazier).

42. Tr. granum Garrett. †

„Testa imperforata, cylindrica, solida, cinerea; spira cylindrica, leviter attenuata, decollata; anfr. perman. $4^1/_2$, convexi, medio planulati, longitudinaliter costati: costis parvulis, verticalibus, compressis, 20 in ultimo, angustioribus quam interstitia; sutura profunde impressa; basis carinata, carina sursum curvata et prolongata; apertura parvula, $^1/_5$ longitudinis subaequans, subobliqua, ovata; perist. crassiusculum, leviter expansum, rotundatum; columella et pars parietalis copiose callosae, cum peristomate continuae. — Long. $4^1/_2$ mill.“ (Garr. angl.)

Truncatella granum Garr. in Amer. journ. conch. VII. p. 225.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 105.

Habitat in insulis Viti.

§. 4.

43. Adamsi Pfr. Aur. 194. Pneum. II. 8. III. 7. — *Pätel* Cat. p. 117. — *Truncatella scalariformis C. B. Adams.* — Jamaica.
44. scalaris (Rissoa) Mich. (Coll. 24.) Aur. 194. Pneum. II. 8. III. 7. — *Pätel* Cat. p. 118. — *Truncatella costata Pfr., Cumingii C. B. Adams.* — Cuba, Jamaica.
45. scalaroides Martens. † Pneum. III. 7. — *Martens* Ostas. Zool. II. p. 163. — Amboina.

46. Tr. princeps Dohrn.

„Testa imperforata, cylindraceo-oblonga, solida, costis validis subarcuatis, obtusis, distantibus munita, nitens, rubella; sutura submarginata; anfr. 4—5 subplani, lente accrescentes, ultimus basi attenuatus; apertura verticalis, ovalis; perist. subduplicatum, crassum, marginibus dextro et basali breviter patentibus. — Long. 6—7, diam. $2^3/_4$, apert. long. 2 mill.“ (D. — Coll. Nr. 25.)

Truncatella princeps Dohrn in Malak. Bl. XIII. 1866. p. 134.
— — *Pfr.* Novit. conch. III. fasc. XXVI. p. 317. Nr. 430. t. 76. f. 10. 11.
— — *Pätel* Catal. p. 118.

Habitat in insula Principis Africae occidentalis.

47. Tr. scalarina Cox. †

„T. testa imperforata, fusiformi-turrita, laevi, nitida, alba; spira decollata, sutura constricta; anfractibus 4 saltem, convexis, valde longitudinaliter et regulariter costatis, ultimo tres praecedentes aequante; apertura obliqua, oblongo-ovata; peristomate continuo, libero, calloso et expanso (supra praesertim), et infra faciem bilabiatam exhibente, margine dextro curvato, infra rotundato, superiore fere recto. — Operc.? — Long. 0,23, diam. 0,11 unc.“ (C.)

Truncatella scalarina Cox in Proc. Zool. Soc. 1867. p. 40; Mon. Austr. landsh. p. 93. t. 15. f. 10. 10 a. b.
— — *Pätel* Catal. p. 118.

Habitat Port Lincoln Australiae (Masters).

48. Tr. Brazieri Cox. †

„Testa rimata, cylindrica, subattenuata, solida, costis elevatis, subrectis, magnis et late distantibus, interstitiis longitudinaliter striatis, rufo-flavescens; anfr. superst. 4, convexius-

culi, gradatim accrescentes, sutura marginata; apertura ovalis; perist. continuum, incrassatum, margine columellari stricto, incrassato et reflexo. — Operc.? — Long. 0,27, lat. 0,10; long. apert. 0,09 poll.“ (C. angl.)

Truncatella Brazieri Cox Monogr. Austr. landsh. p. 93. t. 15. f. 12. 12a. b.

Habit. Miller's Point, Sydney, New-South-Wales (Brazier).

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49. capillacea Gundl. (Coll. 26.) Pneum. III. 8. — *Pätel* Cat. p. 117. — Cuba.
50. rostrata Gould. † Pneum. II. 8. III. 8. — Rio Janeiro.
51. clathrus Lowe. Aur. 195. Pneum. II. 9. III. 8. — Portorico, St. Thomas.

§. 5.

52. labiosa Souv. † Pneum. III. 9. — *Gassies* Faun. Nouv. Caléd. p. 72. t. 8. f. 1. — Ins. Art Novae Caledoniae.
53. porrecta Gould. (Coll. 27.) Pneum. II. 7. III. 7. — *Taheitia* *) *porrecta H. & A. Adams* in Ann. and Mag. n. h. Jan. 1863. — Taheiti.

54. Tr. cristata Crosse. †

„T. vix subrimata, turrito-cylindracea, truncata, parum nitens, costis subdistantibus, validis longitudinaliter impressa, pallide cinnamomea; sutura impressa; anfr. superst. 5 convexiusculi, ultimus non descendens, spira multo minor, costis 28—30 impressus, basi attenuatus; apertura parva, oblique subovata; perist. duplex, internum continuum, prominulum, nitidum, lutescens, externum incrassatum, versus basin in cristam desinens, locum umbilici circumcingentem. — Operc.? — Long. $7^1/_2$, diam. $2^1/_2$ mill. Apert. $1^1/_2$ mill. longa.“ (Cr.)

Truncatella cristata Crosse in Journ. Conch. XVI. 1868. p. 177; XIX. 1871. p. 66. t. 3. f. 11.
— — *Mouss.* in Journ. Conch. XIX. 1871. p. 31; XXI. 1873. p. 109.

Habitat in insulis Vavao et Tongatabou, nec non in insulis Ellice (Gräffe).

Obs. „*T. porrectae* et *T. rostratae Gd.* vicina, a *porrecta* crista basali et perist. duplice, a *rostrata* costis rectis (nec obliquis) et magis numerosis distinguenda.“

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*) *Taheitia H. & A. Adams* novum genus ex typo *Truncatellae porrectae Gould.* Conf. *Pease* in Journ. Conch. XIX. 1871. p. 96.

55. scalariformis Reeve. (Coll. 28.) Aur. 191. Pneum. II. 8. III. 7. — *Taheitia scalariformis Pease* in Journ. Conch. XIX. 1871. p. 92; Proc. Zool. Soc. 1871. p. 468. — *Martens & Langk.* Don. Bismark. p. 60. t. 4. f. 1. — Ins. Annaa, Taheiti.

56. Tr. arctecostata Mousson. †

„T. rimata, cylindraceo-turrita, subdiaphana, tenuiuscula, multicostata, (38 per anfr.), interstitiis costas aequantibus, luteoalba. Spira decollata; sutura impressa. Anfr. 4—5 superstites, supra magis, infra minus convexi; ultimus ovato-rotundatus, infra attenuatus, ad rimam appressus. Apertura verticalis, $^1/_4$ altitudinis aequans, oblique late ovata, biangulosa. Perist. tenuiter incrassatum, obtusiusculum; margine dextro expanso, subeffuso, infra antrorsum paulo producto; basali ad columellam subangulatim adjuncto; columellari et parietali subsoluto-crassiusculis, breviter reflexis. — Altit. 6, diam. 2,5 mill. Rat. anfr. 7:2. Rat. apert. 4:3.“ (M.)

Truncatella arctecostata Mouss. in Journ. Conch. XVII. 1869. p. 68. t. 5. f. 4. (in tab. *acutecostata.*)
— — *Pätel* Catal. p. 117.

Habitat in insulis „Paumotou“ dictis (Garrett).

Obs. Species = *Trunc. scalariformis Reeve.* (*Pease* in Journ. Conch. 1871. p. 92; Proc. Zool. Soc. 1871. p. 468.)

57. Tr. Wallacei H. Adams. †

„T. elongata, subulata, tenuis, decollata, albida, clathris acutis undulatis confertissime instructa; anfr. superst. 8, convexiusculi, ultimus penultimo late sejunctus; apertura rotundatolunaris; perist. continuum, subincrassatum, undique reflexiusculum, extrorsum expansum. — Long. 18, lat. 4 mill.; ap. diam. 3 mill.“ (A.)

Truncatella Wallacei (Taheitia) *H. Adams* in Proc. Zool. Soc. 1865. p. 416. t. 21. f. 13. 14.

Habitat in insula Waigiou.

58. Tr. clathrata A. Adams & Angas. †

„T. t. elongata, subcylindrica, tenui, decollata, pallidofulva, clathris acutis irregularibus subdistantibus instructa; anfr. superst. 7, convexiusculi, ultimus penultimo sejunctus; apertura subovalis; perist. continuum, undique reflexum, margine dextro expanso. — Long. 9, diam. 3 mill., ap. diam. 3 mill.“ (A.)

Truncatella clathrata (Taheitia) *H. Adams & Ang.* in Proc. Zool. Soc. 1865. p. 54. t. 2. f. 2.

Habitat in insulis Salomonis.

59. Tr. pallida (Taheitea) Pease. †

„T. non rimata, cylindracea, scalariformis, decollata, tenuiscula, laevigata, nitida, subtranslucida, albida; anfr. 4, rotundato-convexis, ad suturam vix rotundato-angulatis; sutura bene impressa; costis prominentibus, rectis numero apud 20; apertura verticalis, ovalis, vix porrecta; perist. continuum, margine dextro leviter expansum tenuisculum, latere columellari incrassatum. — Alt. $6^1/_2$, diam. $2^1/_2$ mill.“ (P.)

Taheitea pallida Harper Pease in Amer. journ. conch. III. 1867. p. 229.

— — *Mart. & Langk.* Don. Bism. p. 60. t. 4. f. 2.

Tahitia pallida Schmeltz in Mus. God. cat. V. p. 102.

Habitat in insulis Tahiti et Huaheine.

60. Tr. Arcasiana Crosse.

„T. subimperforata, elongata, cylindraceo-turrita, truncata, costis longitudinalibus, medio anfractuum interdum evanidis, irregularibus impressa, haud nitens, subcretacea, squalide albida; sutura impressa; anfr. superst. 6, vix convexiusculi, ultimus vix descendens, antice leviter protractus, breviter solutus, costis impressus longitudinalibus, tum basim attingentibus, tum media anfractus parte evanidis; apertura oblique subovalis; perist. continuum, liberum, incrassatum, reflexum, nitide luteum, margine basali et externo valde expansis. — Operc.? — Long. 9, diam. $2^1/_4$ mill. Apert. 2 mill. longa.“ (Cr. — Coll. Nr. 29.)

Truncatella Arcasiana Crosse in Journ. Conch. XVI. 1868. p. 177; XVIII. 1870. p. 107. t. 7. f. 13.

— — *Mouss.* in Journ. Conch. XVIII. 1870. p. 196.

— *alternans Mouss.* in Mus. God. cat. IV.

Habitat in insulis Viti.

Obs. „Species *Tr. clathratae Ad. & Ang.* valde affinis, sed testa albida, cretacea, haud nitida, anfr. superst. 6, apertura obliqua et costis alternatim basin attingentibus aut medio anfractus ultimi evanidis distinguenda“. — Habitat in parte centrali insulae Viti-Levu (Gräffe). An cum sequentibus ad §. 1 transferenda?

61. Tr. turricula Mousson. †

„T. rimato-canaliculata, conico-turrita, solidiuscula, striatula, lamellose costulata, intervallis duplo majoribus, griseo-

albida. Spira truncata; sutura impressa. Anfr. persistentes 5, subconvexi, supra et infra obtusissime angulati, regulariter costulati (18—20 in ultimo anfractu); ultimus infra angulosus, ad basin planiusculus, costis lamellosis extus angulosis, in rimam recte convergentibus ornatus. Apert. verticalis, obtuse biangulato-ovata. Perist. solutum, simplex, intus labiatim subincrassatum; margine dextro expanso, reflexiusculo, late arcuato; parietali late soluto, reflexiusculo. — Long. 9, diam. 2,6 mill. — Rat. anfr. (persist.) 5 : 1. — Rat. apert. 5 : 4.“ (M.)

Truncatella turricula Mouss. in Journ. Conch. XVIII. 1870. p. 196.
— — *Pätel* Catal. p. 118.

Habitat Mango insularum Feejee (Gräffe).

62. Tr. funiculus Mousson. †

„T. canaliculato-rimata, acute conico-turrita, truncata, costulis acutis, intervallis ter majoribus, armata, carneo-albida. Spira laxe spirata, sutura subprofunda. Anfr. persistentes 6, lente accrescentes, satis convexi; ultimus ad suturam et basin convexior, costulis 12—14 ad basin undulatim convergentibus praeditus. Apert. verticalis, subcircularis, supra obtuse angulata. Perist. integrum, obtusum, omnino reflexiusculum; margine dextro semicirculari, subpatulo; parietali filari, bene soluto. — Long. 8, diam. 2 mill. — Rat. anfr. 6 : 1. — Rat. apert. 6 : 5.“ (M.)

Truncatella funiculus Mouss. in Journ. Conch. XVIII. 1870. p. 197.
— — *Pätel* Catal. p. 117.

Habitat in parte interiore insulae Viti-Levu (Gräffe).

Obs. „An *Tr. turriculae* var.? Differt spira graciliore, anfractibus convexioribus, costularum minus copiosarum intervallis latioribus, basi anfr. ultimi convexa.“

Species mihi ignotae.

Tr. Moussoni (Tahitia) O. Semper in Mus. Godeffr. cat. V. p. 102. — Ins. Maupiti.

Tr. Stimpsoni Stearns in Proc. Calif. Ac. IV. 1872. p. 248. t. 1. f. 5. — San Diego Californiae.

? *Tr. minuta Requien* Cat. coq. Corse 1848. („spira acuta; apertura ovata; long. 2, lat. 2 mill.“). Conf. *Petit* Cat. moll. test. mers d'Eur. p. 29. — Ajaccio rar.

V. Blanfordia A. Adams.

„Testa ovato-conica, epidermide olivacea obtecta, apice truncato; anfractibus laevibus. Apertura elliptica; peristomate continuo, incrassato, duplicato, interno subacuto, externo subvaricoso.

Operculum corneum, subspirale.

Rostrum elongatum, transverse corrugatum, ad apicem emarginatum. Tentacula brevissima, triangularia, depressa, ad apicem acuta; oculi sessiles ad basin superiorem tentaculorum; pes magnus, sulco transverso in partes duas divisus, ad latera utrinque lobatus, postice lobo dorsali operculum gerente praeditus.“ (A.)

Blanfordia A. Adams in Ann. and Mag. nat. hist. 3d. ser. XII. (Dec. 1863.) p. 424.
— *Cox* Mon. Austr. landsh. 1868. p. 94.
— *Pätel* Catal. 1873. p. 16. 118: genus Aciculaceorum.

Species:

1. striatula (Truncatella) Menke. (Coll. 1.) Aur. 196 (Truncatella). Pneum. II. 9. III. 8. — *Angas* in Proc. Zool. Soc. 1863. p. 523. — *Cox* Mon. Austr. landsh. p. 95. t. 15. f. 13. — *Pätel* Cat. p. 118. — Tasmania, Australia meridionalis, prope Adelaide.

2. B. pyrrhostoma Cox. †

„Testa rimata, cylindrico-pyramidata, decollata, obsolete costulato-striata, praesertim in anfractu primo, ubi lineis subtilibus spiralibus decussata est; albida, haud nitens; spira regulariter attenuata; anfr. superst. 6, uniformiter convexiusculi, ultimus convexus; apertura fere elliptica, leviter obliqua, axi ab eo testae divergente; perist. album, in interiore aperturae vivide rubrum, callosum, marginibus callo junctis, expansum, praecipue inferne et margine columellari, fissuram umbilicarem minutam apertam relinquens. — Long. 0,70, lat. 0,30; long. apert. 0,20 poll.“ (C. angl.)

Blanfordia pyrrhostoma Cox Monogr. Austr. landsh. p. 95. t. 15. f. 14. 14a.

Habitat Shark's Bay Australiae occidentalis (Masters).

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3. japonica A. Adams l. c. p. 424. t. 7. f. 12. — *Pätel* Cat. p. 118. — Sado Japoniae.
4. Bensoni A. Adams l. c. p. 424. t. 7. f. 11. — Matsumai Japoniae.

Obs. An huc referendum *Cyclostoma viridescens Pease* 1861, a *Carpenter* (assentientibus *Martens & Langk.*) Blanfordiae, a *Pease* et *Schmeltz* Atropidi adscriptum? Conf. *Realia? viridescens* Nr. 6.

Subordo II. Ectophthalma.

Fam. I. Cyclostomacea.

Subfam. I. Cyclotea.

VI. Cyathopoma W. T. Blanford.

Pfr. Mon. Pneum. 3. p. 32 adnot.: generis characteres ex *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. p. 449. (Jun. 1864). — *Pätel* Catal. 1873. p. 16. 119: genus Cycloteorum. — Character emendatus a *Blanford* in Journ. Conch. XVI. 1868. p. 257:

„Testa parva, umbilicata, pyramidata, turbinata vel turbinato-depressa, epidermide crassa induta, plerumque spiraliter lirata. — Operculum intus convexum, concentricum, multispirum, in speciminibus normalibus truncato-conoideum, e duabus laminis compositum; interna membranacea, externa testacea, perconcava, anfractuum marginibus externis liberis, et plerumque in lamellam testaceam, versus medium incurvatam, interdum pulchre sculptam, elevatis.“

Conf. *Georissa Milium.*

Conspectus specierum.

A. Normales,
- a. spiraliter liratae . . . . . §. 1. Nr. 1—7.
- b. laevigatae . . . . §. 2. — 8.

B. Aberrantes . . . . §. 3. — 9—10.

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§. 1.

1. **filocinctum** (Cyclostoma) Bens. II. 25. III. 32 (Cyclotus). — *Cyclotus filocinctus Bens.* 1854. — *Cyathopoma filocinctum Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 449; Journ. Conch. XVI. 1868. p. 258. — Addatur descriptioni: „epidermide oblique striata, juxta suturam plicato-striata, saepe hispida, peristomate intus confertissime crispato“. — Montes Nilghiri.

2. C. Deccanense Blanford. †

„Testa subanguste umbilicata, turbinata, solidula, albida, lineis confertis elevatis cincta, epidermide crassa, molli, faciliter

detergenda, supra fuscescenti, subtus albida, subtestacea, verticaliter striata, induta. Spira conica, apice subacuto; sutura impressa. Anfr. $4^1/_2$ convexi, ultimus cylindraceus, supra 2—3 lineis elevatis, ad peripheriam carina elevatiuscula, subtus duabus similibus circumdatus, in umbilico perspectivo, conico costis confertis spiralibus ornatus. Apertura parum obliqua, circularis; peristoma subsimplex, vix incrassatum, ad extremitates carinae medianae et ambarum basalium brevissime linguiformiter porrectum, margine externo leviter antice arcuato. — Operc. normale, margine elevato anfractuum sub lente lineis reticulatis pulcherrime sculpto. — Diam. maj. 3, min. $2^1/_2$, alt. $3^1/_4$ mill. Apert. intus $1^1/_4$ mill.“ (B.)

Cyathopoma Deccanense W. T. Blanf. in Journ. Conch. XVI. 1868. p. 258. t. 12. f. 2.
— *deccanianum H. Adams* in Proc. Zool. Soc. 1868. p. 292.
— *decanense Pätel* Catal. p. 119.

Habitat in Montibus Syhadri haud procul a Bombay, et in insula Mauritii teste D. Barclay apud H. Adams.

3. C. Wynaadense Blanford. †

„Testa aperte umbilicata, turbinata, spiraliter lirata, albida, epidermide tenui, fuscescenti, striatula, induta. Spira conica, apice subacuto; sutura profunda. Anfr. $4^1/_2$—5 rotundati, juxta suturam laevigati, ultimus teres, lineis plerumque 4 elevatis ad peripheriam cinctus, subtus laevigatus, circum umbilicum perspectivum intus confertissime liratum vix compressus. Apertura parum obliqua, circularis, vix sinuata; peristoma duplex, externum expansum, internum vix porrectum. — Operculum? — Diam. maj. 3, min. 2, alt. 3 mill. Apert. intus 1 mill.“ (B.)

Cyathopoma Wynaadense W. T. Blanf. in Journ. Conch. XVI. 1868. p. 259. t. 12. f. 3.

Habitat in Wynaad, ad latus septentrionale montium Nilghiri.

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4. Kalryenense (Cyclotus) Blanf. † III. 33 (Cyclotus). — *Cyathopoma Kalryenense Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 449; Journ. Conch. XVI. 1868. p. 260. — Montes Kalryenenses Indiae meridionalis.

5. Kolamulliense (Jerdonia?) Blanf. † III. 28 (Cyclotus). — *Cyathopoma Kolamulliense Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 449; Journ. Conch. XVI. 1868. p. 260. — Montes Kolamullies Indiae australis.

6. C. Coonoorense Blanford. †

„Testa aperte umbilicata, depresso-turbinata, lineis subdistantibus elevatis minutis cincta, albida, epidermide luteo-cornea, strigis castaneis obliquis ornata induta. Spira conoidea, apice acuto; sutura profunda. Anfr. 4 rotundati, ultimus teres, versus aperturam leviter descendens, undique minute spiraliter liratus. Apertura obliqua, circularis, juxta umbilicum sinuata; peristoma subduplex vel duplex. — Operculum? — Diam. maj. vix 3, min. $2^1/_2$, alt. $2^1/_4$ mill.

β. Confertius spiraliter lirata, peristomate distinctius duplicato, interno valde porrecto, continuo. — Diam. maj. 4, min. $3^1/_2$, alt. $3^1/_4$ mill." (B.)

Cyathopoma Coonoorense W. T. Blanf. in Journ. Conch. XVI. 1868. p. 261. t. 12. f. 6.

Habitat ad Coonoor, in summis montibus Nilghiri; var. *β* Krore Mund ibid. (Beddome.)

7. C. Blanfordi H. Adams. †

„C. testa aperte umbilicata, depresso-turbinata, lirulis confertis cincta, epidermide fusca hispida induta; spira elevata, acuta, sutura profunda; anfr. 4, rotundatis, ultimo cylindrico, vix descendente; apertura vix obliqua, circulari; perist. simplici, recto, acuto, breviter adnato. — Operc. extus concavum, multispirum, marginibus simplicibus. — Diam. maj. 3, min. $2^1/_2$, alt. $1^3/_4$ mill." (A.)

Cyathopoma Blanfordi H. Adams in Proc. Zool. Soc. 1868. p. 291. t. 28. f. 13.

Habitat „Mahé Island" Sechellarum.

§. 2.

8. C. Malabaricum (Cyclotus) Blanford. †

„Testa aperte umbilicata, depresso-turbinata, glabra, sub epidermide luteo-cornea, verticaliter striata et strigis castaneis ornata, albida. Spira conoidea, apice acuto; sutura profunda. Anfr. 4 rotundati, ultimus teres, versus aperturam descendens, linea unica, vix elevata, basali circa umbilicum cinctus. Apertura parum obliqua, circularis, juxta umbilicum conicum perspectivum sinuata; peristoma simplex aut duplex. — Operculum haud retractum, marginibus externis anfractuum valde productis. — Diam. maj. 3, min. $2^1/_2$, alt. $2^1/_4$ mill. Apert. diam. 1 mill." (B.)

Cyclotus Malabaricus W. T. et *H. F. Blanf.* Contrib. to Ind. Malac. I. p. 9.
— — *Pfr.* Mon. Pneum. Suppl. II. p. 32. n. 101.
Cyathopoma Malabaricum W. T. Blanf. in Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 449; Journ. Conch. XVI. 1868. p. 261. t. 12. f. 7.

Habitat in sylvis circa Pykara in summis montibus Nilghiri.

§. 3.

9. C. procerum Blanford. †

„Testa anguste umbilicata, pyramidata, spiraliter lirata, albido-cornea, epidermide brunnea, verticaliter striata, juxta suturam plicata induta. Spira conica, apice acuto; sutura valde impressa. Anfr. 5 rotundati, ultimus cylindraceus, subtus confertim liratus et strigis fuscis transversis signatus. Apertura subverticalis, circularis, ad basin et juxta umbilicum leviter sinuata; peristoma incrassatum, subduplex, extus leviter maculatum. — Operculum retractum, tenue, intus membranaceum, extus subtestaceum, concavum, anfractuum marginibus vix elevatis. — Diam. maj. 2, alt. $2^3/_4$ — 3; diam. apert. c. perist. 1 mill.“ (B.)

Cyathopoma procerum W. T. Blanf. in Journ. Conch. XVI. 1868. p. 262. t. 12. f. 8.
— — *Pätel* Catal. p. 119.

Habitat ad Beypoor in Malabar haud procul a littore maris (S. Fairbank).

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10. ? tignarium Bens. † III. 33 (Cyclotus). — *Blanf.* in Journ. Conch. XVI. 1868. p. 263. — Insulae Andamanicae.

Species quarum descriptiones non vidi:

Cyathopoma alticolum H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 6. — Ceylon.
— *Ceylanicum H. Nevill* ibid.
— *Dikoyense H. Nevill* ibid.

VII. Cyclotus Guilding.

Pfr. Pneum. I. p. 16; II. p. 14; III. p. 14. — *Bland* in Amer. journ. conch. II. 1866. p. 59. — *Martens* Ostas. Zool. II. 1867. p. 116. — *Pätel* Catal. 1873. p. 16. 118: genus Cycloteorum.

Conspectus specierum.

A. Normales.
 I. Peristomate simplice,
  a. recto.

α. Laevigati	§.	1.	Nr.	1— 2.
β. Striati	§.	2.	—	3— 29.
γ. Granulati et punctati .	§.	3.	—	30— 34.
δ. Rugosi	§.	4.	—	35— 65.
ε. Oblique plicati . . .	§.	5.	—	66— 71.
ζ. Spiraliter sculpti . . .	§.	6.	—	72— 85.
b. expanso.				
α. Subturbinati	§.	7.	—	86— 89.
β. Planorboidei,				
1. laevigati vel striati .	§.	8.	—	90— 92.
2. spiraliter lirati . . .	§.	9.	—	93— 98.
II. Peristomate duplicato . . .	§.	10.	—	99—112.
B. Pterocycloidei	§.	11.	—	113—120.

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§. 1.

1. C. fulminulatus Martens.

„Testa turbinato-globosa, perforata, laevigata, albida, strigis confertis fuscis obliquis vel fulminatis picta, infra peripheriam unifasciata, apice nigricans; spira convexa; anfr. $4^1/_2$, sutura mediocri discreti, ultimus inflatus, sat descendens; apertura parum obliqua, subcircularis; peristoma rectum, obtusum, continuum, albolabiatum, obsolete, ad suturam distincte duplicatum. — Operculum calcareum, planum, anfr. 6—7, margine breviter lamellatim elevatis, oblique striatis. — Diam. maj. 15—$20^1/_2$, min. 11—16, alt. 11—18 mill.; apert. long. = lat. 8—11 mill.“ (v. M.)

Cyclotus fulminulatus Mart. in Monatsber. Berl. Ak. 16. Jan. 1865. p. 21; Ostas. Zool. II. p. 123. t. 2. f. 1. Conf. Malak. Bl. XX. 1872. p. 159.
— *politus Mart.* in Malak. Bl. XI. 1864. p. 141. Non *Sow.*

Habitat in insula Celebes.

2. C. longipilus Martens. †

„Testa depresse turbinata, subglobosa, anguste umbilicata, pilis nigris subrigidis usque ad 3 millim. longis in series perpendiculares paulum distantes dispositis munita, castaneobrunnea, concolor, apice nigrescens; spira exserta, acutiuscula; anfr. $4^1/_2$ valde convexi, sutura profunda discreti, ultimus antice paulum deflexus; apertura subperpendicularis, circularis; peristoma incrassatum, rectum, album. — Operc. calcareum, planum, anfr. 7—8, margine breviter lamellatim elevatis. — Diam. maj. 19, min. 14, alt. 14 mill.; apert. long. et lat. 10 mill.“ (v. M.)

Cyclotus longipilus Mart. in Monatsber. Berl. Ak. 16. Jan. 1865. p. 51; Ostas. Zool. II. p. 124. t. 2. f. 9; Malak. Bl. XX. 1872. p. 159.

Habitat Maros in parte meridionali insulae Celebes.

§. 2.

3. giganteus (Cyclostoma) Gray. (Coll. 1.) I. 16. II. 15. III. 14. — *Hidalgo* Mol. viaje Pacif. p. 144. t. 8. f. 9—11. — *Pätel* Cat. p. 118. — *Cyclostoma Cumingii Jay?* — *Cyclotus Fischeri Hidalgo* in Journ. Conch. XV. 1867. p. 305 *). t. 8. f. 3; Cat. coq. terr. p. 43; Col. Mem. p. 10. — *Aperostoma giganteum Mouss.* in Malak. Bl. XXI. 1873. p. 17. — Columbia.
4. irregularis (Cyclostoma) Pfr. (Coll. 2.) II. 15. III. 14. — Costarica.

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*) „T. umbilicata, depressa, solida, superne confertim costulato-striata, nitida, sub epidermide castanea, albida; spira brevis, conoideo-depressa, apice rubella; sutura simplex; anfr. 5, convexi, rapide accrescentes, ad suturam subdepressi, ultimus teres, antice non descendens, peripheria cingulo latiusculo lutescente et fascia lata nigricante ornatus, basi circa umbilicum infundibuliformem confertim radiato-plicatus; apert. parum obliqua, irregulariter ovalis, dextrorsum producta, intus livescens, basi prope marginem foveola minima instructa; perist. rectum, continuum, marginibus superne angulatim junctis, sinistro ad anfr. penultimum subincrassato, breviter appresso. — Operc. testaceum, planum, 9-spiratum, nucleo centrali, paululum excavato, marginibus anfr. incrassatis, non elevatis. — Diam. maj. 51, min. 40, alt. 22 mill.; apert. 24 mill. longa, 22 lata.“

5. **Quitensis** (Cyclostoma) Pfr. (Coll. 3.) I. 17. II. 15. III. 14. — *Hidalgo* Mol viaje Pacif. p. 146 *). — *Pätel* Cat. p. 118. — Quito, Nova Granada.
6. **Dunkeri** Pfr. (Coll. 4.) II. 16. III. 14. — Respubl. Aequatoris.
7. **Inca** (Cyclostoma) Orb. (Coll. 5.) I. 19. II. 16. III. 14. — *Pätel* Cat. p. 118. — *Cyclostoma Blanchetiana Moric., Colombiensis Fér.* — *Aperostoma Inca Pfr., Blanchetianum H. Adams* in Proc. Zool. Soc. 1866. p. 443. — Brasilia, Bolivia.

8. C. Perezi Hidalgo.

„T. umbilicata, subconoideo-depressa, confertim longitudinaliter striata, fusco-olivacea, nigricante fasciata; spira parum elevata; sutura profunda; anfr. 4, convexi, primi laevigati, ultimus rotundatus, antice non solutus, non descendens, fasciis binis nigricantibus, altera peripherica, lata, superne linea lutea marginata, altera basali angusta, ornatus; apert. obliqua, rotundato-ovalis, dextrorsum subproducta, intus pallide coerulea; perist. simplex, rectum, continuum, marginibus superne angulatim junctis, sinistro paulum incrassato et quasi duplicato. — Operculum normale, anfr. 10—11. — Diam. maj. 25, min. 19, alt. 11 mill.“ (H. — Coll. Nr. 6.)

Cyclotus Perezi Hidalgo in Journ. Conch. XIV. 1866. p. 344. t. 14. f. 2; Col. Mem. p. 6; Mol. viaje Pacif. p. 147. t. 8. f. 12. 13.
— — *Pätel* Catal. p. 118.

Habitat Baeza reipublicae Aequatoris (Martinez).

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9. **translucidus** (Cyclostoma) Sow. (Coll. 7.) I. 20. II. 16. III. 14. — *Tate* in Amer. journ. conch. V. Nr. 3. p. 159: Nicaragua. — *Guppy* in Ann. and Mag. n. h. 3d. ser. XVII. 1866. p. 45. — *Pätel* Cat. p. 118. — *Martens* Binn. Venez. p. 4. — *Cyclotus Trinitensis Guppy* in Ann. and Mag. n. h. 3d. ser. XIV. p. 205 **): ins. Trinidad. — Columbia.

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*) „Testa late umbilicata, subconoideo-depressa, solida, nitida, superne striatula, ad umbilicum corrugato-striata; albida, ad spiram rubella, epidermide superne castanea, inferne fulva, interdum virenti tincta, nigricanti-unifasciata, induta; spira brevis, conoidea, apice obtusiuscula; sutura simplex, profunda; anfr. 5, convexi, rapide accrescentes, ultimus rotundatus, ad suturam subdepressus, antice non solutus, non descendens, fascia peripherica lata, superne linea lutescenti marginata, ornatus; apertura parum obliqua, rotundato-ovalis, dextrorsum subproducta, intus coerulescens; perist. rectum, intus subincrassatum, acutum vel obtusiusculum, continuum, marginibus superne angulatim junctis, dextro perarcuato, sinistro minus arcuato, superne breviter adnato. — Operculum testaceum, planum, 10-spiratum, nucleo centrali, excavato, marginibus anfr. subelevatis. — Diam. maj. 34, min. 26, alt. 15 mill. — Napo reipublicae Aequatoris (Martinez).“

**) „Shell depressed, turbinate, rather thick, white under a pale-brown epidermis, with fine wavy lines of growth, and sometimes with obsolete, white

10. C. Cooperi Tryon. †

„Testa late umbilicata, globoso-turbinata, crassiuscula, epidermide cornea obtecta, striis incrementi crebris et sat profunde incisis notata; spira conoidalis, magis minusve depressa; anfr. $4^1/_2$—5, convexi; peristoma simplex, rectum, acutum, junctione marginum vix angulata et anfractum adjacentem superne tangente; apertura intus alba et nitida. — Operculum? — Diam. maj. 16, min. 14, alt. 12 mill. Long. apert. 7 mill.“ (T. angl.)

Cyclotus Cooperi Tryon in Proceed. Ac. Philad. 1863. p. 281. t. 2. f. 2.
— — *Bland* in Amer. journ. Conch. II. 1866. p. 63.

Habitat Cinaloa prope Mazatlan (A. Rémond).

Obs. Species forma similis *C. translucido Sow.*, sed latius umbilicata, textura crassiore et striis incrementi fortiter impressis distinguenda.

11. C. Pazi Crosse.

„T. umbilicata, conoideo-subdepressa, solidula, parum crassa, longitudinaliter striata, sub epidermide sature olivaceo-fusca albida; spira mediocriter elevata, vertice rotundato, rosaceo; sutura impressa; anfr. $4^1/_4$ convexiusculi, ad suturam depressi, $2^1/_2$ primi sublaeves, rosacei, ultimus ad peripheriam cingulo funiculiformi, vix prominulo obscure circumdatus; umbilicus latiusculus, profundus; apert. obliqua, rotundata, livide albida; peristoma simplex, rectum, albidum, marginibus approximatis, callo crassiusculo junctis. — Operc. parum crassum, normale. — Diam. maj. 22, min. $18^1/_2$, alt. 11 mill.; apert. $9^1/_2$ mill. alta, 9 lata.“ (C. — Coll. Nr. 8.)
Var.: Testa epidermide viridi-lutescenti induta.

Cyclotus Pazi Crosse in Journ. Conch. XIV. 1866. p. 356. t. 14. f. 3.
— — *Hidalgo* Mol. viaje Pacif. p. 148. t. 8. f. 14. 15.

Habitat Ambato reipublicae Aequatoris.

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12. spurcus (Cyclostoma) Grat. I. 187 (Otopoma). II. 16. III. 14. — *Cyclotopsis spurca Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 464. — Malabar, Bombay.

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or chestnut bands; spire somewhat acuminate; whorls 5, convex; umbilicus broad and open; aperture slightly oblique, nearly circular; peristome blunt, its margins forming an angle above; right margin slightly sinuate. Operculum concave, with six obliquely striate whorls, the inner margins of which are raised. — Height 0,55 inch, greatest breadth 0,9 inch.“

13. Popayanus (Cyclostoma) Lea. (Coll. 9.) I. 21. II. 16. III. 14. — *Pätel* Cat. p. 118. — *Martens* Binn. Venez. p. 3. — *Cyclostoma inconspicuum Sow.* — *Aperostoma Popayanum Mouss.* in Malak. Bl. XVI. 1869. p. 180. (Regiones superiores fluminis Magdalenae: Wallis. — Diam. maj. usque 30 mill.) — Nova Granada.
14. crassus (Cyclostoma) C. B. Adams. (Coll. 10.) I. 29. II. 16. III. 14. — *Pätel* Cat. p. 118. — Jamaica.
15. novus-saltus Chitty. † III. 15. — Jamaica.
16. prominulus (Cyclostoma) Fér. (Coll. 11.) I. 23. II. 17. III. 15. — *Hidalgo* Mol. viaje Pacif. p. 149 *). — *Pätel* Cat. p. 118. — *Cyclostoma brasiliense Sow.* — Brasilia.
17. suturalis (Cyclostoma) Sow. (Coll. 12.) I. 24. II. 17. III. 15. — *Gloyne* in Journ. Conch. XX. 1872. p. 37. — *Pätel* Cat. p. 118. — Jamaica.
18. ptychoraphe Martens. † III. 15. — *Martens* Ostas. Zool. II. p. 125. t. 2. f. 11. — *Issel* Moll. Born. p. 71. — Borneo.
19. illotus Gould. (Coll. 13?) III. 15. — Loo Choo.
20. dubiosus (Cyclostoma) C. B. Adams. † II. 17. III. 16. — Jamaica.
21. minimus Gundl. (Coll. 14.) III. 16. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 445. Nr. 592. t. 98. f. 21—24. — Cuba.

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22. plicosus Martens. (Coll. 15.) III. 16. — *Martens* Ostas. Zool. II. p. 125. t. 2. f. 13. 14. — Ins. Halmahera.
23. parvulus Martens. † III. 17. — *Martens* Ostas. Zool. II. p. 126. t. 2. f. 12. (Lege: testa pallide lutescens concolor.) — Ins. Ternate et Tidore.
24. reticulatus Martens. † III. 17. — *Martens* in Monatsber. Berl. Ak. 1864. p. 117; Ostas. Zool. II. p. 120. t. 2. f. 3. — Ins. Molucc.

25. C. Gassiesianus Crosse. †

„T. umbilicata, turbinato-subdepressa, solidula, longitudinaliter vix striatula, sub epidermide fulvida, tenuissima, nitida, parum decidua, albida lineis castaneis, fulguratis longitudinaliter ornata, et infra medium brunneo late unifasciata; spira turbinata, apice obtusiusculo; sutura simplex; anfr. 5 convexi, primi 3 nigro-purpurei, laeves, ultimus non descendens, subtus subplanatus; umbilicus profundus (2 mill. latus) $^1/_6$ diametri vix aequans; apertura fere verticalis, subcircularis, superne

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*) „Testa late umbilicata, subconoideo-depressa, tenuis, non nitens, opaca, confertissime costulato-striata; sordide albida; spira parum elevata, apice acutiuscula; sutura profunda; anfr. $4^1/_2$—5, convexi, rapide accrescentes, ultimus antice dilatatus, vix adnatus vel breviter solutus; apertura circularis; perist. rectum, acutum, continuum vel breviter interruptum, marginibus callo tenui nitido junctis. — Operculum testaceum, peripheria canaliculatum, extus concavum, 9—10-spiratum, nucleo centrali, intus planiusculum, laevigatum, medio mucronatum. — Diam. maj. 15, min. 12, alt. 7 mill. — Rio Janeiro (Paz et Martinez).“

vix et fere inconspicue angulata; perist. simplex, rectum, albidum, anfractui penultimo breviter adnatum. — Operc. testaceum, anfr. longitudinaliter valide striatis, margine anfractuum filoso-elevato. — Diam. maj. 13, min. 11, alt. 12 mill.; apert. 6 mill. longa, 6 lata.“ (C.)

Cyclotus Gassiesianus Crosse in Journ. Conch. XV. 1867. p. 206. t. 6. f. 5.

Habitat Tay-Ninh Cochinchinae gallicae.

26. C. Amboinensis (Cyclostoma) Pfr.

„Testa turbinato-depressa, anguste at pervie umbilicata, laevigata, e castaneo, flavescente et interdum albo variegata, infra peripheriam saepe unifasciata; spira convexo-conoidea, obtusula; anfr. $4^1/_2$—5, convexi, sutura mediocri discreti, ultimus depresse teres, paulum descendens; apertura parum obliqua, circularis; peristoma crassum, vix expansiusculum, continuum, breviter anfractui penultimo adnatum. Operculum calcareum, multispirum, planum, spiris oblique raro-striatis, suturis imbricatis. — Diam. maj. 12, min. $9^1/_2$, alt. 8—9; apert. lat. = long. 6 mill. — Var. elatior, anfr. ultimo subangulato, subtus planato. Diam. maj. 14, min. $10^1/_2$, alt. 11; apert. $6^1/_2$ mill.“ (v. M. — Coll. Nr. 16.)

Cyclostoma Amboinense Pfr. 1852.
? *Cyclophorus Amboinensis Pfr.* Mon. Pneum. p. 82. n. 49; II. p. 59; III. p. 69.
— *marmoratus Fér., Pfr.* Pneum. p. 68; II. p. 50; III. p. 65? (*Martens.*)
Cyclotus Amboinensis Mart. Ostas. Zool. II. p. 121. t. 2. f. 4. 5. Conf. Malak. Bl. XX. 1872. p. 159.

Habitat in insulis Amboina, Ceram, Buru.

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27. succinctus Martens. III. 17. — *Martens* in Monatsber. Berl. Ak. 1864. p. 117; Ostas. Zool. II. p. 122. t. 2. f. 6. 7. — Ins. Timor.

28. C. Sieversi Pfr.

T. umbilicata, turbiniformis, striatula, castanea, epidermide nitidula, flavescenti-grisea obducta; spira conoidea, vertice subtili, subpapillato; anfr. $5^1/_2$ perconvexi, ultimus basi planior; umbilicus angustus, pervius; apertura obliqua, subcircularis; perist. simplex, rectum, anfractui contiguo brevissime adnatum. — Operc. solidum, arctispirum, intus subexcavatum, nitidum, extus albidum, anfractibus vix conspicuis. — Diam. maj. $7^2/_3$, min. 7, alt. $6^1/_2$ mill. (Coll. Nr. 17.)

Cyclotus Sieversi Pfr. in Malak. Bl. XVIII. 1871. p. 69.
— — *Mouss.* in Journ. Conch. XXI. 1873. p. 218.

Habitat in Caucasia meridionali. Prope Lenkoran in vicinia maris caspii legit Dr. Sievers.

Obs. Textura et colore *Craspedopomati lucido* similis, sed praeterea nulli characteres communes.

29. C. minutus H. Adams. †

„C. testa umbilicata, depressa, tenuiuscula, minutissime striata, luteo-fulva, nitidula; spira parum elevata, apice acuta, fusco-cornea; anfr. 4, convexis, ultimo cylindrico, parum descendente; apertura subverticali, circulari; perist. simplici, recto, continuo, breviter adnato. — Diam. maj. 7, min. 6, alt. 4 mill.“ (A.)

Cyclotus minutus H. Adams in Proc. Zool. Soc. 1866. p. 318. t. 33. f. 10.

Habitat Takow insulae Formosae.

§. 3.

30. cingulatus (Cyclostoma) Sow. I. 18. II. 17. III. 18. — *Pätel* Cat. p. 118. — Nova Granada.
31. granulatus Pfr. III. 18. — *Cyclotus granulosus Pätel* Cat. p. 118. — Respubl. Aequatoris.
32. Bogotensis (Cyclostoma) Pfr. (Coll. 18.) II. 17. III. 18. — *Pätel* Cat. p. 118. — Nova Granada.
33. asperulus (Cyclostoma) Sow. (Coll. 19.) I. 21. II. 18. III. 18. — Jamaica.
34. Granadensis (Cyclostoma) Shuttl. † II. 18. III. 18. — *Cyclotus Grenadensis Guppy* in Ann. and Mag. 4th. ser. I. p. 437. Conf. *Bland* in Amer. journ. conch. IV. p. 187. — Ins. Granada.

§. 4.

35. laxatus (Cyclostoma) Sow. (Coll. 20.) I. 18. II. 18. III. 18. — Columbia.
36. Jamaicensis (Turbo) Chemn. (Coll. 21.) I. 25. II. 18. III. 18. — *Gloyne* in Journ. Conch. XX. p. 38. — *Pätel* Cat. p. 118. — *Cyclostoma Jamaicense Gray.* — Jamaica.
37. dentistigmatus Chitty. † III. 18. — Jamaica.
38. inutilis Chitty. † III. 19. — Jamaica.
39. corrugatus (Cyclostoma) Sow. (Coll. 22.) I. 26. II. 18. III. 19. — *Pätel* Cat. p. 118. — Jamaica.
40. Portlandensis Chitty. † III. 19. — Jamaica.
41. notatior Chitty. † III. 20. — Jamaica.
42. notatus Chitty. † III. 20. — Jamaica.
43. novae-spei Chitty. † III. 20. — Jamaica.
44. cycloatus Chitty. † III. 20. — Jamaica.
45. jugosus (Cyclostoma) C. B. Adams. (Coll. 23.) I. 27. II. 18. III. 21. — Jamaica.

46. Westmorelandensis Chitty. † III. 21. — Jamaica.
47. nodosus Chitty. † III. 21. — Jamaica.
48. Beswicki Chitty. † III. 21. — Jamaica.
49. pallescens (Cyclostoma) C. B. Adams. (Coll. 24.) II. 18. III. 21. — *Pätel* Cat. p. 118. — Jamaica,
50. varians (Cyclostoma) C. B. Adams. (Coll. 25.) I. 27. II. 19. III. 22. — *Gloyne* in Journ. Conch. XX. p. 38. — *Pätel* Cat. p. 118. — Jamaica
51. corrugatior Chitty. † III. 22. Jamaica.
52. gemma Chitty. † III. 22. — Jamaica.
53. zigzag Chitty. † III. 22. — Jamaica.
54. subrugosus (Cyclostoma) Sow. I. 28. II. 19. III. 23. — Jamaica.
55. Duffianus (Cyclostoma) C. B. Adams. † I. 29. II. 19. III. 23. — Jamaica.
56. perpallidus (Cyclostoma) C. B. Adams. † I. 29. II. 19. III. 23. — Jamaica.
57. seminudus (Cyclostoma) C. B. Adams. (Coll. 26.) I. 28. III. 23. — *Pätel* Cat. p. 118. — Jamaica.
58. De Burghaeanus Chitty. † III. 23. — Jamaica.
59. rudis-planusque Chitty. † III. 23. — Jamaica.
60. pretiosus Chitty. † III. 24. — Jamaica.
61. Bairdianus Chitty. † III. 24. — Jamaica.
62. ruber Chitty. † III. 24. — Jamaica.
63. rupis-fontis Chitty. † III. 25. — Jamaica.
64. corrugatissimus Chitty. † III. 25. — Jamaica.

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65. daucinus (Cyclostoma) Pfr. II. 19. III. 25. — Ins. Salomonis.

§. 5.

66. stramineus (Cyclostoma) Reeve. (Coll. 27.) I. 20. II. 19. III. 25. — *Pätel* Cat. p. 118. — *Martens* Binn. Venez. p. 4. — Columbia, La Guayra.

67. **C. rugatus Guppy.** †

„Testa depresso-turbinata, epidermide forti rufo-fusca vestita, fasciis nonnullis angustis, obsoletis, pallidioribus zonata, rugis subtilibus angularibus, ad aperturam fere evanescentibus dense obtecta; spira brevis, depressa; anfr. 4, superne subplanulati, subtus convexi et rotundati; umbilicus late apertus; apertura fere verticalis, circularis, superne leviter angulata; perist. rectum, obtusum, marginibus angulatim junctis, dextro non sinuato. — Operc. testaceum, extus concavum, intus cartilagineum, anfractibus circa 7 angustis, oblique striatis, quorum margine interno elevato. — Alt. 0,4, lat. max. 0,7 poll.“ (G. angl. 1864.)

Cyclotus rugatus Guppy in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 246; XVII. 1866. p. 46.

Habitat in insula Trinidad.

Obs. „Species *C. stramineo* proxime affinis; differt striis fulminatis, lineis incrementi subparallelis et colore saturate rufo-brunneo. A *corrugato* et *jamaicensi* forma et absentia carinae facile distinguenda.“ (Guppy 1866.)

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68. Dysoni (Cyclostoma) Pfr. (Coll. 28.) I. 98 (Cyclophorus?). II. 19. III. 25. — *Pätel* Cat. p. 118. — *Strebel* in Abh. nat. Ver. Hamb. VI. 1. 1873. p. 9. t. 1. f. 3? — *Platystoma Dysoni* (Aperostoma) *Mörch* in Malak. Bl. VII. 1860. p. 66: Puntarenas Americae centralis. — Honduras, Chiapa reipubl. mexicanae.
69. glaucostomus (Cyclostoma) Pfr. II. 20. III. 25. — *Pätel* Cat. p. 118. — Venezuela.
70. bisinuatus Martens. III. 26. — Costarica.

71. C. Bartletti (Aperostoma) H. Adams. †

„A. testa late umbilicata, depressa, solidiuscula, confertim plicatulo-striata, sub epidermide fulvida albida, ad suturam albo fasciata; spira modice elevata, sutura impressa; anfr. 6, convexiusculis, ultimo circa umbilicum costa prominente instructo; apertura obliqua, subcirculari, intus albida; perist. continuo, recto, subacuto, superne angulatim producto, margine columellari subcanaliculato. — Operc.? — Diam. maj. 21, min. 19, alt. 14 mill.“ (Ad.)

Aperostoma Bartletti H. Adams in Proc. Zool. Soc. 1870. p. 375. t. 27. f. 1. 1 a.

Habitat in Peruvia orientali (E. Bartlett).

§. 6.

72. Martinicensis (Cyclostoma) Shuttl. (Coll. 29.) II. 20. III. 26. — Ins. Martinique.
73. distinctus (Cyclostoma) Sow. I. 24. II. 20. III. 26. — *Cyclostoma orbella Petit.* — Columbia.
74. floccosus (Cyclostoma) Shuttl. (Coll. 30.) II. 21. III. 26. — Haiti.
75. perdistinctus Gundl. (Coll. 31.) III. 26. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 444. Nr. 590. t. 98. f. 14—16. — *Pätel* Cat. p. 118. — Cuba.

76. C. connivens (Aperostoma) H. Adams. †

„A. testa late umbilicata, depressa, tenuiuscula, striatula et inaequaliter lirata, albida, epidermide flavide brunnea induta; spira parum elevata, apice prominulo, laevi, rufo-corneo, sutura canaliculata; anfr. $4^1/_2$, convexis, ultimo non soluto; aper-

tura fere circulari, diagonali; perist. continuo, recto, superne subangulato et breviter adnato. — Diam. maj. 10, min. $8^1/_2$, alt. 7 mill.; apert. diam. $4^1/_2$ mill.“ (A.)

Aperostoma connivens H. Adams in Proc. Zool. Soc. 1866. p. 443. t. 38. f. 6.

Habitat in Peruvia orientali (E. Bartlett).

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77. vortex (Cyclostoma) Weinl. (Coll. 32.) III. 26. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 445. Nr. 591. t. 98. f. 17—20. — Haiti.
78. Recluzianus (Cyclostoma) Pfr. (Coll. 33.) II. 21. III. 27. — *Brazier* in Proc. Zool. Soc. 1871. p. 587. — *Pätel* Cat. p. 118. — Erromanga Nov. Hebrid., non in insulis Salomonis.
79. Macgillivrayi (Cyclostoma) Pfr. (Coll. 34.) II. 21. III. 27. — *Brazier* in Proc. Zool. Soc. 1871. p. 587. — *Pätel* Cat. p. 118. — Aneiteum Novarum Hebridarum.
80. sordidus (Cyclostoma) Pfr. II. 22. III. 27. — Cochinchina.
81. patera (Cyclostoma) Pfr. I. 314. II. 168 (generis incerti). III. 27. — Camboja.
82. liratulus Martens. † III. 27. — *Martens* Monatsber. Berl. Ak. 1864. p. 117; Ostas. Zool. II. p. 127. t. 2. f. 15. — Ins. Banda et Amboina.
83. bicarinatus Martens. † III. 27. — *Martens* Monatsber. Berl. Ak. 1864. p. 118; Ostas. Zool. II. p. 128. t. 2. f. 16. — Ins. Ceram.
84. carinulatus Martens. † III. 28. — *Martens* Monatsber. Berl. Ak. 1864. p. 118; Ostas. Zool. II. p. 129. t. 2. f. 17. — Buru Moluccarum.

85. C. ? Brazieri Cox. †

„Testa pyramidata; spira acuta et elevata, apice rosea; anfr. 5, rotundati, sub lente subtilissime spiraliter striati, saturate cinnamomei; sutura profunda; umbilicus angustus et profundus; apertura circularis; perist. simplex, vix incrassatum. Operculum solidum, extus perconcavum, marginibus anfractuum prominentibus. — Lat. 0,13, alt. 0,16 poll.“ (C. angl.)

Cyclostoma Brazieri Cox in Proc. Zool. Soc. 1870. p. 85.

Habitat Upolu insularum Navigatorum (Brazier).

§. 7.

86. Natalensis Pfr. III. 28. — Promont. Natal.
87. scalaris (Cyclostoma) Pfr. I. 35. II. 22. III. 29. — Ins. Philippin.
88. triliratus (Cyclostoma) Pfr. (Coll. 35.) I. 76 (Cyclophorus?). II. 22. III. 29. — *Martens* Ostas. Zool. II. p. 127. — *Issel* Moll. Born. p. 71. — Var.: *Cyclostoma quadrifilosum Bens.* — *Cyclophorus quadrifilosus Pfr.* — Labuan, var. ins. Aru.

89. C. Wüllerstorfianus Zelebor.

T. anguste umbilicata, turbinata, tenuiuscula, striatula, superne liris 5, subtus 4 filiformibus cincta, luteo et castaneo flammulata; spira turbinata, vertice acuto; anfr. 5$^1/_2$ convexiusculi, ultimus fascia lutea infra liram periphericam ornatus, basi parum convexus; apertura parum obliqua, subcircularis; perist. simplex, acute expansum, marginibus approximatis, callo junctis. — Operc.? — Diam. maj. 7, min. 6, alt. 5$^1/_2$ mill. (Mus. Vindob.)

Cyclotus Wüllerstorfianus Zeleb. mss.; *Pfr. & Zelebor* in Verh. zool. bot. Ges. Wien XVII. Oct. 1867. p. 807.
— *Wüllerstorffi Frauenf.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 878.
Lagocheilus Wüllersdorfi Stoliczka in Journ. As. Soc. Beng. XLI. 1872. p. 270.

Habitat in insulis Nicobaris.

Obs. Peraffinis *C. trilirato*; differt umbilico paulo latiore et liris numerosis.

§. 8.

90. ? Hebraicus (Valvata) Lesson. † I. 35 (in adnot., exclusis synonymis). II. 22. III. 29. — *Cyclostoma papua Quoy.* — Nova Guinea.

91. C. campanulatus Martens.

„Testa latiuscule umbilicata, depressa, suborbicularis, verticaliter striata, epidermide olivaceo-flava induta; spira perbrevis, obtusa; anfr. 4$^1/_2$, vix convexi, at sutura profunde canaliculata divisi, ultimus teres; apertura vix obliqua, circularis; peristoma undique incrassato-expansum, quasi campanulatum, continuum, album. — Operc.? — Diam. maj. 13, min. 10, alt. 8; apert. long. et lat. incluso perist. 6$^1/_2$, excluso 5 mill.“ (v. M.)

Cyclotus campanulatus Mart. in Monatsber. Berl. Ak. 16. Jan. 1865. p. 51; Ostas. Zool. II. p. 11.
— — *Pfr.* Novit. conch. IV. p. 51. Nr. 724. t. 118. f. 19—21.

Habitat Yokohama et Nangasaki Japoniae.

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92. pusillus (Cyclostoma) Sow. (Coll. 36.) I. 34. II. 22. III. 29. — *Pätel* Cat. p. 118. — Ins. Philippin.

§. 9.

93. ? volvuloides Sow. I. 30. II. 22. III. 29. — Habitat?
94. Trailli Pfr. III. 29. — Madras.
95. montanus (Cyclostoma) Pfr. II. 23. III. 29. — Mont. Nilgherries.
96. ? orbellus (Cyclostoma) Lam. (Coll. 37.) I. 32. II. 23. III. 30. — *Cyclostoma variabile Fér.*, *Lamarkii Petit.* — Madagascar.

97. C. Swinhoei H. Adams. †

„C. testa umbilicata, subdiscoidea, tenuiuscula, irregulariter striatula et elevatim spiraliter lirata, fulvida; spira parum elevata, apice acuminata, purpurea, sutura profunda; anfr. $4^1/_2$, convexis, ultimo rotundato, descendente; umbilico conico, profundo; apertura obliqua, subcirculari, superne leviter angulata; perist. simplici, continuo, expansiusculo, ad anfractum penultimum breviter adhaerente. — Diam. maj. 11, min. 9, alt. 7 mill.“ (A.)

Cyclotus Swinhoei H. Adams in Proc. Zool. Soc. 1866. p. 318. t. 33. f. 9.

Habitat Takow insulae Formosae (Swinhoe).

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98. ? diatretus (Cyclostoma) Gould. † I. 33. II. 23. III. 30. — *Cyclophorus diatretus* (Ostodes) *Mouss.* in Journ. Conch. XVIII. 1870. p. 179 cum var. *intercostata*: „costis spiralibus minoribus, inter majores interpositis, apertura minus lata, umbilico majore, aequaliter costulata“. — Ins. Feejee.

§. 10.

99. distomellus (Cyclostoma) Sow. (Coll. 38.) I. 35. II. 23. III. 30. — *Cyclotus hebraicus Reeve.* — Habitat?
100. Berendti Pfr. (Coll. 39.) III. 30. — *Cyclotus Dysoni var.? Streb.* in Abh. Ver. Hamb. VI. p. 9? — Respubl. mexicana.
101. discoideus (Cyclostoma) Sow. I. 36. II. 23. III. 30. — *Martens* Ostas. Zool. II. p. 124. — *Cyclostoma opalinum Mouss.* — *Cyclotus opalinus Pfr.* (I. 36.) — Java.
102. subflammulatus Pfr. (Coll. 40.) III. 30. — *Pfr.* Novit. conch. IV. p. 124. Nr. 828. t. 28. f. 8: Celebes. — *Pätel* Cat. p. 118. — *Cyclotus guttatus Wallace* in Proc. Zool. Soc. 1865. p. 413: ins. Aru, Batchian. — *Martens* Ostas. Zool. II. p. 119 *). t. 1. f. 7; Malak. Bl. XX. 1873. p. 158 cum var. majore. — Var. *Cyclotus obesus Mart.* — An huc *Cyclophorus (?) guttatus Pfr.* Nr. 90? — Ins. Molucc.

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*) „Testa turbinato-depressa, mediocriter umbilicata, leviter striatula, nitida, ex fusco et albo fulminato-marmorata, infra peripheriam unifasciata, apice coeruleo-nigricans; spira convexa; anfr. $4^1/_2$, teretes, ultimus paulatim descendens; apertura circularis, parum obliqua, tubaeformis; peristoma di-

103. mucronatus (Cyclostoma) Sow. (Coll. 41.) I. 37. II. 23. III. 31. — Ins. Philippin.
104. substriatus (Cyclostoma) Sow. (Coll. 42.) I. 37. II. 23. III. 31. — *Pätel* Cat. p. 118. — Ins. Philippin.

105. C. Taivanus H. Adams. †

„C. testa umbilicata, suborbiculata, tenui, striatula, sublaevigata, rufo-brunnea, superne strigis fulguratis castaneis obliquis picta, et ad peripheriam unifasciata; spira brevi, apice prominulo; anfr. $4^1/_2$, convexis, ultimo descendente; umbilico lato, perspectivo; apertura parum obliqua, circulari, intus fusco-violacea; perist. continuo, subduplicato, interno brevi, recto, ad marginem columellarem subcontinuo, externo annulato, expanso. — Operc. normale. — Diam. maj. 16, min. 14, alt. $9^1/_2$ mill.“ (Ad.)

Cyclotus Taivanus H. Adams in Proc. Zool. Soc. 1870. p. 378. t. 27. f. 11. 11 a.

Habitat Taiwan insulae Formosae (Swinhoe).

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106. Fortunei (Cyclostoma) Pfr. I. 30. II. 17. III. 31. — *Martens* Ostas. Zool. II. p. 12. 38. — China, Japonia.
107. ? Chinensis (Cyclostoma) Pfr. II. 23. III. 31. — *Martens* Ostas. Zool. II. p. 39. — *Leptopoma ? chinense Reeve.* — Hongkong.
108. plebejus (Cyclostoma) Sow. (Coll. 43.) I. 38. II. 24. III. 31. — Ins. Philippin.
109. Tourannensis (Cyclostoma) Soul. † II. 24. III. 31. — Cochinchina.
110. conicus Martens † III. 31. — *Martens* Ostas. Zool. II. p. 63. — Siam.
111. Lindstedti (Cyclostoma) Pfr. II. 24. III. 32. — Malacca.
112. exiguus (Cyclostoma) Sow. † I. 39. II. 24. III. 32. — *Pätel* Cat. p. 118: „Tennato“. — Habitat?

§. 11.

113. variegatus Swains. (Coll. 44.) I. 39. II. 25. III. 33. — *Pätel* Cat. p. 118. — *Cyclostoma planorbulum Sow., cornu venatorium Petit.* — Ins. Philippin.
114. Bernsteini Martens. † III. 34. — *Martens* Ostas. Zool. II. p. 117. — Ins. Batjan.

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stincte duplicatum, externum paulum prominens, vix expansum, ad suturam in alulam brevissimam triangularem adnatam excurrens. — Operculum crassum, calcareum, multispirum, spiris oblique striatis, subimbricatis, margine lato, parum excavato. — Diam. maj. 15—20, min. 10—16, alt. incluso perist. 8—13 mill.; apert. long. = lat. 7—9 mill. — Ternate, Tidore, Moti, Tavalli, Kajoa, Batjan.“ (v. M.)

115. pruinosus Martens. † III. 34. — *Martens* Ostas. Zool. II. p. 117. t. 1. f. 2. — Ins. Molucc., Ternate, Tidore, etc.

116. Batchianensis Pfr. III. 34. — *Pätel* Cat. p. 118. — *Cyclotus Batjanensis Martens* Ostas. Zool. II. p. 116. t. 1. f. 1. (*Cyclotus Bernsteini Mart.* ex parte.) — Ins. Batchian.

117. fasciatus Martens. † III. 35. — *Martens* in Monatsber. Berl. Ak. 1864. p. 117; Ostas. Zool. II. p. 118. t. 1. f. 3. Conf. *Martens* in Malak. Bl. XX. 1872. p. 158. — Celebes.

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118. planorbulus (Cyclostoma) Lam. I. 43 (Pterocyclos). II. 25. III. 35. — *Pätel* Cat. p. 118. — Ins. Pulo Condor, Cochinchina.

119. C. angulatus Martens. †

„Testa depressa, late umbilicata, striatula, superne liris spiralibus nonnullis subelevatis obsoletis sculpta, peripheria tumido-angulata, pallide brunneo-flavescens, superne fasciis interruptis vel flammulis, inferne fasciolis angustis fuscis picta; spira vix prominula, obtusa; anfr. 4, convexiusculi, sutura mediocri discreti, ultimus paulum et sensim descendens; apertura transverse ovalis, valde obliqua; peristoma duplex, albidum, internum rectum, obtusum, ad suturam leviter emarginatum, externum expansum, ad suturam in lobulum triangularem ascendentem subconvexum excurrens. — Operculum? — Diam. maj. 17, min. $14^1/_2$, alt. 8; apert. long. 6, lat. incluso lobulo $7^1/_2$, mill." (v. M.)

Cyclotus angulatus Mart. in Jahrb. malak. Ges. I. 1874. p. 56.
— . — *Issel* Moll. Born. p. 71.

Habitat „New-Beland" maris Sulu (Thomson).

Obs. „Similis *C. pruinoso* et *Batjanensi*. An Pterocyclos?"

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120. incomptus (Cyclostoma) Sow. (Coll. 45.) I. 42 (Pterocyclos?). II. 25. III. 35. — *Pätel* Cat. p. 118. — Nova Granada.

Quid?

Cyclotus lineatus „Gray" Pätel Cat. p. 118. — Jamaica.

VIII. Opisthoporus Benson.

Pfr. Mon. Pneum. II. p. 25; III. p. 36. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 451. — *Martens* Ostas. Zool. II. 1867. p. 110. — *Stoliczka* in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 265. — *Pätel* Catal. 1873. p. 16. 119.

Species:

1. biciliatus (Pterocyclos) Mouss. (Coll. 1.) I. 40 (*Cyclotus Taylorianus*). 50 (Pterocyclos). II. 26. III. 36. — *Martens* Ostas. Zool. II. p. 110 *). — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 73 (injuncto sequente). — *Cyclostoma Taylorianum Pfr.*, *Charbonnieri Recl.* — Borneo.

2. ? O. spiniferus (Cyclostoma) Morelet. †

„T. latissime umbilicata, depressa, striatula, albido-fulva, flammulis castaneis, zigzagformibus, subtus pallidioribus, variegata, spira planulata, medio prominula; anfr. $4^1/_2$ sutura profunda discreti, priores fusco-violacei, convexiusculi, ultimus supra peripheriam angulatus, obsolete plicato-striatus, antice vix descendens, spina tubulari albida, recurvata, juxta suturam, 9 mill. pone aperturam munitus; apertura obliqua, circularis, intus variegata; peristoma duplex: internum rectum, continuum, prominens; externum albidum, expansum, margine dextro dilatato, superne angulatim patente. — Operculum subcartilagineum, pallidum, multispirum, oblique lamelloso-striatum, extus concaviusculum; nucleo centrali, nitide corneo. — Diam. 17, altit. $5^1/_2$ mill.“ (M.)

Cyclostoma spiniferum Morelet in Journ. Conch. IX. 1861. p. 177.
Opisthoporus spiniferus Mart. Ostas. Zool. II. p. 113.

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*) „Testa depressa, late umbilicata, perpendiculariter confertim rugosa, seriebus 2 spiralibus ciliorum sat longorum, mollium ornata, virenti-brunnea, maculis fuscis latis plus minusve fulgurantibus picta; vertex castaneus paulum prominulus; anfr. $4^1/_2$, convexi, sutura sat profunda, ultimus ad aperturam descendens, paulo antea tubulo suturali recurvo aperto munitus; apertura sat obliqua, circularis; peristoma reflexum, dilatatum, callo junctum, pallide flavum, subduplicatum, externum ad suturam sinuatum et effusum. — Operculum calcareum, multispirum, extus planiusculum, albidum, nucleo nigricante. — Diam. maj. 14—19, min. 10—14, alt. $6^1/_2$; apert. long. = lat. $6^1/_2$—$8^1/_2$ mill.“

Habitat in insula Borneo (Lefer de Lamothe).

Obs. *Issel* (Moll. Born. p. 73) asserit, *Moreletum* ipsum speciem cum *O. biciliato* identicam declarasse.

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3. euryomphalus (Cyclostoma) Pfr. II. 26. III. 36. — *Issel* Moll. Born. p. 74. — *Pterocyclos euryomphalus Reeve.* — Borneo.
4. latistrigus (Cyclotus) Martens. † III. 35 (Cyclotus). — *Issel* Moll. Born. p. 74. — *Opisthoporus euryomphalus Martens* Ostas. Zool. II. p. 111. t. f. 6 (ab *euryomphalo Pfr.* Auctoris observationibus recentioribus specifice distinctus: *Issel*). — Borneo.
5. Siamensis Martens. † III. 36. — *Martens* Ostas. Zool. II. p. 64. — Siam.
6. rostellatus (Cyclostoma) Pfr. I. 40 (Cyclotus). II. 26. III. 36. — *Martens* Ostas. Zool. II. p. 113 *). — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 75. — *Pterocyclos rostellatus Reeve.* — Sincapore, Sarawak, Borneo (Wallace in Proc. Zool. Soc. 1865. p. 413), Sumatra (Martens).
7. tubuliferus (Cyclostoma) Pfr. II. 27. III. 36. — *Pterocyclos tubuliferus Reeve.* — *Cyclotus tubuliferus Pfr.* — Habitat?
8. birostris (Cyclostoma) Pfr. (Coll. 2.) II. 27. III. 36. — *Martens* Ostas. Zool. II. p. 113 **). — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 75. — *Pterocyclos birostris Reeve.* — Borneo.
9. pterocycloides (Cyclostoma) Pfr. II. 27. III. 36. — *Martens* Ostas. Zool. II. p. 114. — *Pterocyclos anomalus Reeve* (a Cl. *Issel* Moll. Born. p. 72 pro *Pterocyclo tenuilabiato* citatus). — Borneo.
10. Gordoni Bens. † III. 36. — *Bens.* in Ann. and Mag. n. h. 3d. ser. XI. p. 322. (*Spiraculum? Blanford* ibid. XIII. p. 451.) — *Spiraculum Gordoni Theob.* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 399 ***). t. 18. f. 6. — *Hanl. & Theob.* Conch. Ind. t. 49. f. 9. 10. — Moulmein Birmaniae.

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*) „Testa depressa, late umbilicata, leviter striata, flavescens, strigis fuscis picta, apice nigricans; spira prominula, acutiuscula; anfr. $4^1/_2$, teretes, sutura profunda discreti, ultimus sat descendens, 5—6 mill. ante aperturam tubulo suturali aperto recurvo mediocri munitus; apertura diagonalis, subcircularis; peristoma continuum duplex, externum breviter reflexum, rubellum, ad suturam in lobulum brevem rotundatum ascendentem, partim anfractui penultimo adnatum excurrens. — Diam. maj. 14, min. $10^1/_2$, alt. 7 mill.; apert. long. et lat. $5^1/_2$ mill."

**) „Testa discoidea, latissime umbilicata, perpendiculariter striatula, fulvolutea, fascia peripherica maculosa et superne strigis fulminatis rufocastaneis picta; apex pallidus, vix prominens; anfr. $4^1/_2$, convexiusculi, sutura profunda discreti, ultimus antice solutus, teres et prope solutionem tubulo antrorsum curvo aperto munitus; apertura diagonalis, circularis; peristoma duplex, externum subtus et extus fornicatim prolongatum, superne in canaliculum apertum anfractui penultimo appropinquantem excurrens. — Operculum crassum, extus concavum, spiris oblique striatulis, centro fusco, margine excavato. — Diam. maj. $23^1/_2$, min. 18, alt. 10 mill.; apert. lat. = long. 9 mill. excluso canaliculo."

***) „Testa planorbulari, late umbilicata; anfractibus 5, depressiuscule teretibus, sutura profunda junctis, transversim minute striolatis et rugis nonnullis tenuibus spiralibus notatis; ultimo prope aperturam sensim descendente, supra gibbosulo, tubulo ab apertura modice (circiter 4 mill.) distante et po-

11. Cochinchinensis (Cyclostoma) Pfr. II. 28. III. 37. — *Pterocyclos Cochinchinensis Reeve.* — Cochinchina.
12. corniculum (Cyclostoma) Mouss. (Coll. 3.) I. 38 (Cyclotus). II. 24. III. 31. 37 *(javanus)*. — *Martens* Ostas. Zool. II. p. 112. — Java.

13. O. pertusus (Cyclostoma) Morelet. †

„T. late umbilicata, orbicularis, depressa, tenuis, striata, luteo-fulva; spira vix prominens; anfr. 4 convexiusculi, sutura profunda discreti, ultimus antice subdeflexus, breviter solutus, spiraculo tubulari ad aperturam pertinente, in anfractuum intervallo, munitus; apertura circularis, intus albido-coerulea; orificium spiraculi submarginale; peristoma continuum, simplex, vix expansiusculum. — Operculum? — Diam. 12, altit. 7 mill." (M.)

Cyclostoma pertusum Morelet in Journ. Conch. IX. 1861. p. 177. Conf. Mart. Ostas. Zool. II. p. 114 (Opisthoporus?).
Opisthoporus pertusus Issel Moll. Born. p. 75.

Habitat in insula Borneo (Lefer de Lamothe).

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14. Sumatranus Martens. † III. 37. — *Martens* in Monatsber. Berl. Ak. 1864. p. 116; Ostas. Zool. II. p. 112. t. 1. f. 4. — Sumatra.

15. O. Penangensis Stoliczka. †

„O. testa sub-discoidea, apice paulum exserta, latiuscule umbilicata, corneo solidula; anfractibus $4^1/_2$ ad 5, teretibus, sutura profunda junctis, epidermide brunnea vel nigrescente, transversim confertissime striata, in ultimo anfractu ad peripheriam superam et inferam breviter ciliata, indutis, sub epidermidem albescentibus atque strigis transversis, brunneis vel fuscis, paulo undulatis, aut plus minusve acute angulatis, notatis; apice sub-mammillato, nigrescente vel pallido; umbilico modico, fere dimidium latitudinis anfractus penultimi exponente; ultimo anfractu ad aperturam valde descendente, sed haud dissoluto, ad suturam tubulo brevi tenuique, saepissime

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tius curvato instructo, ad aperturam breviter soluto; colore albida, strigis castaneis latiusculis, fulguratim transeuntibus, et ad peripheriam ult. anfr. fascia castanea dentata interruptis; epidermide cornea, rugulose striata; apertura obliqua, subcirculari, perist. duplici, interno laevi, supra paulo emarginato, externo expanso et reflexiusculo, alato, ala intus excavata, angustatim in anfr. penultimum ascendente et adnata. — Diam. maj. 0,91, min. 0,75, alt. 0,27; apert. 0,27 unc. — Valle Sittoung prope Tonghu (Mason)."

retrorsum curvato, rare fere verticali, rarissimeque antice versus directo, in speciminibus adultis circa $1^1/_2$ ad 2 mm. a margine aperturali distante, instructo; apertura circulari, ampla, obliqua; peristomate in junioribus simplici, in adultis breviter bilabiato, margine labii interni paululum incrassato, saepe rubescente tincto, haud distincter discreto, externo expansiusculo, ambobus supra paulum productis atque prope suturam modice insinuatis. — Operculum discoideum, interne vix, externe distincte, concavum et album, multispiratum, medio corneo-testaceum, laminis duabus separatis ad peripheriam acutissimis. Diam. maj. 11,5, min. 9,5; altit. testae 6,6, diam. apert. int. 4, externe cum perist. 4,7 mm." (St.)

Opisthoporus Penangensis Stol. in Journ. As. Soc. XLI. Pt. 2. 1872. p. 265. t. 10. f. 7.

Habitat in insula Penang (Prince of Wales Island).

Obs. „Proxime affinis *O. Sumatrano Mart.*"

16. **O. solutus Stoliczka.** †

„O. testa planorbulari, apice paulo exserta, late umbilicata, corneo solidula; anfractibus $4^1/_2$, fere teretibus, supra et infra paululum depressiusculis, sutura profunda ac simplici junctis, in spec. junioribus ad peripheriam sub-angulatis; ultimo ad terminationem dissoluto, paulo expansiusculo modiceque deflexo, tubulo suturali antice directo, circiter 2 mm. a margine aperturali distante, instructo; anfractibus superioribus epidermide fusco-olivacea, transversim rugata, in ultimo fere simpliciter confertimque striolata, indutis, omnibus sub epidermidem albidis, sparse scrobiculatis, transverse minutissime striatis; apice albido; umbilico magno, anfractuum omnium maximam partem exhibente; apertura lata, circulari; peristomate duplici, interno tenui, paulum projiciente, externo undique modice dilatato, in facie antica concaviusculo et concentrice striato, in regione supra-suturali sensim producto, ambobus ad suturam anguste emarginatis. — Operculum normale, in utroque latere vix concavum, multispiratum, medio corneo-solidum. — Diam. maj. 15,5; alt. testae 7,3; diam. apert. int. 4,3, ext. cum perist. 5,5 mm." (St.)

Opisthoporus solutus Stol. in Journ. As. Soc. XLI. Pt. 2. 1872. p. 266. t. 10. f. 8—10.

Habitat in insula Penang.

IX. Mychopoma *) W. T. Blanford.

„Testa in speciebus notis turbinata, epidermide fusca, crassa, hirsuta induta. Apertura intus corrugata.

Operculum simile ei generis Opisthopori, e duobis discis multispiris, parallelis, interno membranaceo, externo calcareo compositum; lamina spirali recta interposita, interspatiis vacuis.“

Mychopoma novum genus *W. T. Blanf.* in Journ. As. Soc. Bengal. XXXVIII. 1869. Pt. 2. p. 131.

Species:

1. M. hirsutum Beddome. †

„Testa mediocriter umbilicata, depresso-turbinata, solidiuscula, epidermide crassa, fusca, liris spiralibus subconfertis et lineis elevatis confertissimis obliquis decussatim ornata; intra suturam, ad peripheriam, atque circa umbilicum pilis longiusculis confertim fimbriata induta; sub epidermide albida, decussato-costulata, liris spiralibus plus obliquis, minus validis quam extra epidermidem. Spira convexo-conoidea; apice prominulo, papillari; sutura profunda, pilis fere obtecta. Anfr. 5—$5^1/_2$, convexi, ultimus teres, antice parum descendens. Umbilicus perspectivus, omnes anfractus exhibens, fimbria hirsuta partim celatus, intus spiraliter liratus. Apertura diagonalis, rotunda, intus sublactea atque lineis horizontalibus fuscis signata; peristoma sinuatum, duplex, extus expansiusculum crispatum, intus corrugatum, margine columellari repando, solo, glabro et simplice. — Operculum multispirum, crassum, extus concaviusculum, calcareum, albidum, intus planum, membranaceum. — Diam. maj. $8^1/_2$, min. 7, axis $5^1/_2$, apert. diam. intus $3^1/_2$ mill.“ (Bl.)

Mychopoma hirsutum Bedd. mss.; *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 132. t. 16. f. 5. (Contrib. to Ind. Malac. X. 1869.)

Habitat in montibus Calcad prov. Travancore Indiae meridionalis.

2. M. limbiferum Blanford. †

„Testa anguste umbilicata, turbinata, tenuis, epidermide decidua, fulva, strigis fuscis, obliquis spiralibusque notata, vel

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*) μυχός, camera interna.

unicolori fusca, fimbriam pilorum brevium circa umbilicum ferente, induta; sub epidermide albida, liris confertis spiralibus ornata. Spira conica; sutura valde impressa. Anfr. $5^1/_2$ convexi, ultimus teres, antice subdescendens. Apertura obliqua, fere circularis; peristoma duplex: externum limbo sublate expanso circumdatum, ad angulum aperturae antice porrectum; internum vix discretum intus subdistanter corrugatum; margine columellari amborum valde repando, glabro, vix expansiusculo. — Operculum minus crassum quam in *M. hirsuto*, extus concaviusculum, lamina calcarea ad centrum carente intus planum. — Diam. maj. $5^1/_4$—7, min. $4^1/_2$—6, axis $4^1/_4$—$5^1/_2$, apert. diam. intus 2—$2^3/_4$ mill.“ (Bl.)

Mychopoma limbiferum W. T. Blanf. in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 133. t. 16. f. 4. (Contrib. to Ind. Malac. X. 1869.)

Habitat in summis montibus „Pulney“ dictis Indiae meridionalis (Fairbank).

X. Rhiostoma Benson.

Pfr. Mon. Pneum. III. p. 38. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. (Jun. 1864.) p. 451. — *Martens* Ostas. Zool. II. 1867. p. 63. — *Pätel* Catal. 1873. p. 16. 119.

Species:

1. Housei (Cyclostoma) Haines. (Coll. 1.) II. 29 (Pterocyclos). III. 38. — *Martens* Ostas. Zool. II. p. 63. — *Pätel* Cat. p. 119. — Siam.
2. Hainesi Pfr. (Coll. 2.) III. 38. — *Martens* Ostas. Zool. II. p. 64. — *Pätel* Cat. p. 119. — *Pterocyclos Hainesi Reeve*. — Camboja.
3. simplicilabre Pfr. III. 39. — *Pterocyclos simplicilabris Reeve*. — Camboja.
4. Haughtoni Bens. † III. 39. — *Hanl. & Theob.* Conch. Ind. t. 5. f. 10. Conf. *Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 150. — *Pterocyclos Haughtoni Reeve*. — Moulmein Birmaniae.
5. tenerum (Pterocyclos) Menke. (Coll. 3.) II. 32 (Pterocyclos). III. 40. — Touranne Cochinchinae.
6. Bernardii Pfr. III. 40. — *Martens* Ostas. Zool. II. p. 64. — *Pterocyclos Bernardii Reeve*. — Siam.

XI. Spiraculum Pearson.

„Testa depressa, sub-discoidea, epidermide crassa, interdum pilosa, obducta; apertura circularis; anfractus ultimus brevi distantia pone aperturam tubo suturali brevi, reverso, utrinque (antice in anfractum ultimum, postice extrorsum) aperto munitus.

Operculum concentricum, corneum, multispiratum, convexum vel planum, marginibus anfractuum, similiter ac in Pterocyclo, extus liberis et elevatis.“ (Blanf. angl.)

Spiraculum Pearson 1833. Journ. As. Soc. II. p. 391.
— (subgenus Pterocycli) *H. & A. Adams* Gen. p. 278.
— *W. T. Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. (Jun. 1864) p. 451; Contrib. to Indian Malac. Nr. IV. p. 1. (genus emendatum.)

Steganotoma Trosch. ex parte.

Species:

1. hispidum Pears. (Coll. 1.) I. 46 (Pterocyclos). II. 29. III. 42. — *Blanf.* Contrib. to Ind. Malac. Nr. 4. 1863. p. 2. — *Cyclostoma spiraculum Sow.* — *Steganotoma Princepsi V. d. Busch.* — *Pterocyclos hispidus Bens.*, *Pätel* Cat. p. 119. — *Pterocyclos Prinsepi Pfr.* — Himalaya, Khasya Hills Indiae.

2. Sp. Avanum Blanford. †

„Testa convexo-depressa, late umbilicata, striis radiantibus notata et (in juvenilibus) epidermide crassa scabra obtecta, alba, strigis latis zigzagformibus castaneis et fascia lata submediana ornata; spira vix elevata, sutura profunda; anfr. $4^1/_2$, rotundati, ultimus cylindricus, aperturam versus leviter et gradatim descendens, 3 mill. pone aperturam tubo suturali brevi, arcuatim curvato (ita ut extremitas posterior suturae contigua sit) munitus; apertura subobliqua, circularis; peristoma duplex: internum continuum, leviter productum, ad suturam angulatim excisum, externum expansum et juxta anfractum contiguum in processum parvum verticalem linguaeformem productum. — Operc. multispirale, fere planum, marginibus anfractuum exteriorum liberis et subelevatis. — Diam. maj. 17, min. 14, alt. 8, diam. apert. $5^1/_2$ mill.“ (Bl. angl.)

Spiraculum Avanum W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 1; Ann. and Mag. n. h. 3d. ser. VII. 1863. p. 56 (animal).

Habitat „Shan Hills“ ad orientem urbis Ava.

3. Sp. Beddomei Blanford. †

„Testa latissime umbilicata, depressa, subdiscoidea, laevigata (?), solida, alba, strigis transversis zigzagformibus castaneis ornata; spira plana vel convexiuscula, sutura profunda; anfr. 5, rotundati, ultimus cylindricus, sensim versus aperturam descendens, 7—10 millim. pone peristoma tubo suturali brevi, *antrorsum et sursum directo,* anfractum penultimum non tangente munitus; apertura diagonalis, circularis; peristoma duplex, omnino continuum: internum subexpansum, retrorsum curvatum sinum cavum angularem ad suturam formans; externum expansum, margine supero et dextro inversum, prope suturam in alam compressam, anfr. penultimo omnino affixam protractum. — Operculum corneum, extus convexum, prope centrum planatum, anfractibus 2—3 extimis limbo libero spirali testaceo lamellaeformi munitis. — Diam. maj. 27, min. 23, alt. 10, diam. interior apert. 8 mill.“ (B. angl.)

Spiraculum Beddomei W. T. Blanf. in Journ. As. Soc. Beng. XXXV. 2. p. 31; Contrib. to Ind. Malac. VI. 1866. p. 1.

Habitat „Kimety Hills near Waltair (Vizagapatam)“ praesidentiae Madras (Beddome).

4. Sp. Fairbanki Blanford. †

„Testa late umbilicata, depressa, subdiscoidea, decussatim striata, griseo-albida, irregulariter castaneo-strigata et maculata, fascia interrupta subperipherica aliaque lata in umbilico castaneis. Spira fere plana; apice prominulo papillari; sutura valde impressa. Anfr. 5 rotundati; ultimus teres, antice sensim descendens, spiraculo brevi subverticali truncate-conico, cum anfractu penultimo conjuncto, 4 mill. pone aperturam sito munitus. Apertura diagonalis, circularis; peristoma duplex: internum breviter porrectum obtusum, ad suturam angulatim sinuatum; externum continuum, expansum, supra sinum instar alae cuculliformis, anfractui penultimo appressae exstans, versus basin columellae processum linguiformem emittens. — Operculum corneum, intus valde concavum, extus convexum, apice planulato, marginibus anfractuum lamelliferis. — Diam. maj. $14^1/_2$, min. $11^1/_2$, axis 6, apert. diam. intus 4 mill.“ (Bl.)

Spiraculum Fairbanki W. T. Blanf. in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 135. (Contrib. to Ind. Malac. X. 1869.)
— — *Hanl. & Theob.* Conch. Ind. t. 49.

Habitat in montibus Pulney dictis Indiae meridionalis (Fairbank).

5. Sp. Andersoni W. Blanford. †

„Testa late umbilicata, depressa, discoidea, oblique striata, lineis elevatis minutis spiralibus superne et praesertim juxta peripheriam, sed non circa umbilicum, confertissime decussata, albida, strigis castaneis fulguratis radiantibus picta. Spira plana, apice vel plano vel vix exsertiusculo, sutura profunda. Anfr. $4^1/_2$, teretes, ultimus versus aperturam longe descendens, 5—6 mill. pone peristoma tubulo suturali reverso parvo, arcuatim recurvato vel subrecto et libero, 2—3 mill. longo munitus. Apertura diagonalis, rotunda; peristoma continuum, duplex, internum expansiusculum undique appressum, postice juxta anfractum penultimum profunde angulatim sinuatum, externum expansum, supra sinum dilatatum, juxta anfractum penultimum instar cuculli plani porrectum. Operc. persimile ei *Sp. hispidi*, corneum, intus concavum, extus convexum, marginibus anfractuum, praesertim externorum, lamellatim liberis, apice planiusculo. — Diam. maj. $15^1/_2$—17, min. 12—$13^1/_2$, axis 5—6, apert. diam. intus 5 mill." (B.)

Spiraculum Andersoni W. Blanf. in Proc. Zool. Soc. 1869. p. 447.
— — *Hanl. & Theob.* Conch. Ind. t. 49.

Habitat ad ripas fluminis Iravadi Indiae (J. Anderson).

Obs. Differt a *Sp. Avano Blanf.* apertura magis obliqua, peristomate aliter formato et latius expanso, prominentia cuculliformi antrorsum currente (non verticali), tubo suturali ab apertura remotiore et operculo multo convexiore.

XII. Pterocyclos Benson.

Pfr. Mon. Pneum. I. p. 41; II. p. 28; III. p. 41. — *Martens* Ostas. Zool. II. 1867. p. 114. — *Pätel* Catal. 1873. p. 16. 119. — *Steganotoma Trosch.*

Conspectus specierum.

A.	Aberrantes, operculo plano . . .	§. 1.	Nr.	1— 9.
B.	Normales	§. 2.	—	10—24.
C.	Species vix notae	§. 3.	—	25. 26.

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§. 1.

1. tenuilabiatus (Cyclostoma) Metcalfe. (Coll. 1.) I. 45. II. 28. III. 41. — *Mart.* Ostas. Zool. II. p. 114 *). — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 72. — Var. minor: *Martens* in Malak. Bl. XX. 1872. p. 156. (Celebes.) — Borneo.
2. Labuanensis Pfr. (Coll. 2.) III. 41. — *Pfr.* in Proc. Zool. Soc. 1863. p. 525; Novit. conch. III. fasc. XXXIII. p. 443. Nr. 588. t. 98. f. 8—10. — *Martens* Ostas. Zool. II. p. 115. Conf. *Martens* in Malak. Bl. XX. 1872. p. 157. — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 73. — Ins. Labuan.
3. Lowianus Pfr. (Coll. 3.) III. 41. — *Pfr.* in Proc. Zool. Soc. 1863 p. 526; Novit. conch. III. fasc. XXXIII. p. 443. Nr. 589. t. 98. f. 11—13. — *Pätel* Cat. p. 119. — *Pterocyclos Loweanus Martens* Ostas. Zool. II. p. 115. Conf. *Martens* in Malak. Bl. XX. 1872. p. 157. — *Issel* Moll. Born. p. 72. (An var. *tenuilabiati*?) — Ins. Labuan.

4. Pt. microchilus Crosse.

„T. latissime umbilicata, subdiscoidea, tenuiuscula, longitudinaliter striatula, sericea, nitidula, olivacea, unicolor; spira planiuscula, apice haud prominulo; sutura profunda impressa; anfr. 5 convexi, regulariter accrescentes, ultimus teres, vix descendens, basi subplanatus; apertura diagonalis, subangulatim circularis; perist. duplex: internum brevissime porrectum, juxta anfractum contiguum sinuatum, externum angustissimum, superne triangulariter vix protractum. — Operculum? — Diam. maj. 20, min. 16, alt. 7 mill.“ (C.)

Pterocyclus microchilus Crosse in Journ. Conch. XVI. 1868. p. 176.

Habitat in Indo-China?

Obs. „Species *Pt. Lowiano Pfr.* aliquantulum vicina, sed paulo major, unicolor, caeterum apice planato nec mucronato et peristomate externo angustissimo facile distinguenda.“

5. Pt. Hainanensis H. Adams. †

„P. testa depressa, late umbilicata, tenuiuscula, leviter striata, fulvo-lutea, epidermide cornea, laminis distantibus dispositis induta; spira paulum elevata, apice prominulo; anfr.

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*) „Testa discoidea, latissime umbilicata, perpendiculariter striatula, pubescens, fulvolutea, superne maculis fulguratis rufocastaneis picta; apex rufocastaneus, vix prominens; anfr. $4^1/_2$, sutura profunda discreti, supra planiusculi, infra convexi, ultimus antice parum descendens; apertura diagonalis, circularis; peristoma duplex, internum lacteum, externum late reflexum, tenue, in vivo fuscum, superne in lobum fornicatum anfractui ultimo adnatum excurrens. — Operculum calcareum, brunneum, intus paululum concavum, spiris circa 6 margine lamelloso, elevato, sulco marginali lato. — Diam. maj. 30, min. 22, alt. 13 mill.; apert. lat. = long. 12 mill.“

5, rotundatis, ultimo non descendente; apertura obliqua, circulari; perist. duplicato, interno superne breviter inciso, externo expanso, supra sinum latiusculo, subcucullato. — Operc. arctispirum, extus concaviusculum, marginibus anfractuum laciniatis. — Diam. maj. 15, min. 12, alt. 10 mill.“ (H. Ad.)

Pterocyclos Hainanensis H. Adams in Proc. Zool. Soc. 1870. p. 8. t. 1. f. 16.

Habitat in insula Hainan (Swinhoe).

6. Pt. ater Stoliczka. †

„Pt. testa orbiculato-planorbulari, latissime umbilicata; apice vix exserto; anfractibus quinis, depressiuscule teretibus, sutura profunda junctis, liris spiralibus tenuibus, plus minusve distincte setiferis, subdistantibus, ornatis, sub epidermide lividis, transversaliter fulguratim castaneo notatis, epidermide scabriuscula, transversim conferte striata, indutis; ultimo anfractu ad aperturam sensim descendente; apertura obliqua, circulari; peristomate duplici, interne paululum crassiculo, ad suturam emarginato, externo tenui, dilatato, supra in alam angustam, curvatam atque ad anfr. penultimum leviter affixam expanso, pone alam perforato. — Operculum orbiculare, supra lamellis spiralibus exstantibus, distincte denticulatis, compositum, infra laevigatum, volutionibus angustis spiralibus concentrice minute striatis. — Diam. maj. 16,5, min. 13,5, alt. tot. testae 7,2, axis 3,2, diam. diag. apert. cum perist. 6 mill.“ (St.)

Pterocyclus ater Stol. in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 149. t. 6. f. 2.

Habitat Kuengan, ad flumen Ataran, prope Moulmein (Theobald).

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7. Sumatranus Martens. † III. 42. — *Martens* in Monatsber. Berl. Ak. 1864. p. 116; Ostas. Zool. II. p. 115. — *Issel* Moll. Born. p. 72. — Sumatra, Borneo (Wright).

8. ? Pt. eudaedaleus Crosse. †

„T. latissime umbilicata, subdiscoidea, tenuiuscula sed solidula, parum nitida, spiraliter minute striata, luteo-albida, strigis numerosis, regulariter fulguratis, castaneis, elegantissime ornata; spira depressa, planiuscula, medio vix paululum prominula, apice obscure violaceo; sutura profunde impressa, subcanaliculata; anfr. $4^1/_2$ plano-convexiusculi, ultimus vix descendens, rotundatus, strigis castaneis fulguratis, paulo supra

medium subito interruptis ornatus, medio et basi nitidior, paulo infra medium cingulo lato macularum vivide castanearum, fulguratim interruptarum et mox in strigas numerosas pallide castaneas, regulariter fulguratas, mediocriter conspicuas, circa umbilicum subito evanidas desinentium transversim munitus; apertura diagonalis, subangulatim circularis, intus sordide albida; perist. duplex: internum album, brevissime porrectum, juxta anfractum contiguum vix sinuatum, externum subdilatatum, brevissime reflexiusculum, tenuissime multilamellosum, superne triangulariter leviter protractum. — Operculum? — Diam. maj. 25, min. 20, alt. 8 mill. Apert. diam. c. perist. 10 mill.“ (C.)

Pterocyclus? eudaedaleus Crosse in Journ. Conch. XVII. 1869. p. 187; XIX. 1871. p. 67. t. 1. f. 2.

Habitat Borneo (teste B. Wright).

Obs. Cl. *Martens* speciem cum praecedente identicam putat. (Malak. Bl. XX. 1873. p. 158.)

9. ? Pt. chinensis Möllendorff. †

„Testa late umbilicata, turbinato-depressa, solidula, subpellucida, subtilissime striata, fusca, plerumque marmorata, medio unifasciata; spira subdepressa; anfr. $4^1/_2$ perconvexi, ultimus antice descendens; umbilicus conicus, profundus; apertura diagonalis, circularis; peristoma duplex, internum breve, externum reflexiusculum, incrassatum. — Operculum subtestaceum, subconcavum, margine anfractuum lamelloso-elevato. — Diam. maj. 18, min. $15^3/_4$, alt. 11 mill. Apert. diam. $7^3/_4$ mill.“ (v. M.)

Pterocyclos chinensis Möllend. in Jahrb. malak. Ges. I. 1874. p. 78. 119. t. 3. f. 5.

Habitat in prov. Kiangsi Chinae.

§. 2.

10. Cumingi Pfr. I. 48. II. 29. III. 42. — *H. Nevill* Enum. Helic. et Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 119. — Ceylon.

11. Pt. Wilsoni Pfr.

T. late umbilicata, subdiscoidea, solidula, striatula, nitida, fulva, castaneo dense fulgurata; spira medio vix elevata; anfr. $4^1/_2$ modice convexi, ultimus subdepresso-rotundatus, medio linea castanea cinctus; apertura diagonalis, subcircularis, intus violacescens; perist. duplex: internum expansiusculum, adna-

tum, superne vix incisum, externum patens, ad anfractum contiguum productum, tum late inflexum, latere dextro angustius involutum. — Operc.? — Diam. maj. 22, min. 18, alt. 7$^1/_2$ mill. (Coll. Nr. 4.)

Pterocyclos Wilsoni Pfr. in Proc. Zool. Soc. 1865. p. 831. t. 46. f. 12; Malak. Bl. XIII. 1866. p. 44; Novit. conch. III. fasc. XXXIII. p. 442. Nr. 587. t. 98. f. 5—7.
— — *Pätel* Catal. p. 119.

Habitat in insula Formosa.

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12. Cingalensis Bens. II. 29. III. 42. — *H. Nevill* Enum. 1871. p. 5. — *Hanl. & Theob.* Conch. Ind. t. 5. — Ceylon.
13. bifrons Pfr. II. 30. III. 42. — *H. Nevill* Enum. 1871. p. 5. — Ceylon.
14. bilabiatus Bens. I. 49. II. 30. III. 42. — *Cyclostoma bilabiatum Sow.* — Madras.
15. Albersi Pfr. I. 45. II. 30. III. 42. — Montes Khasia Indiae.
16. anguliferus (Cyclostoma) Soul. (Coll. 5.) I. 44. II. 30. III. 42. — *Pätel* Cat. p. 119. — Cochinchina.
17. rupestris Bens. (Coll. 6.) I. 46. II. 30. III. 42. — *Pätel* Cat. p. 119. — *Steganotoma picta Trosch.*, *rupestris Mörch.* — *Pterocyclos pictus Trosch.* — *Cyclostoma pictum Petit.* — India.
18. nanus Bens. (Coll. 7.) II. 31. III. 43. — India.
19. parvus (Spiraculum) Pears. (Coll. 8.) I. 48. II. 31. III. 43. — *Pätel* Cat. p. 119. — Montes Khasia Indiae.
20. pullatus Bens. † II. 31. III. 43. — Birmania.
21. Cetra Bens. † II. 32. III. 43. — Birmania.

22. Pt. Feddeni Blanford. †

„Testa late umbilicata, convexo-depressa, laevigata, minute striata, tenuiuscula, strigis transversis alternantibus zigzagformibus albis et castaneis, fasciaque submediana modice lata obscuriore ornata; spira fere plana, apice levissime protracto, sutura profunda; anfr. 4$^1/_2$, convexi, ultimus rotundatus, versus aperturam descendens; apertura circularis, parum obliqua; peristoma duplex, limbis sulco levi separatis: internum superne excisum, sinum mediocrem formans, externum in alam parvulam verticalem liberam productum. — Operc. intus concavum, centro plano, extus plano-concavum, marginibus anfractuum liberis, lamellaribus. — Diam. maj. 11, min. 9, alt. 5 mill.“ (B. angl.)

Pterocyclos Feddeni W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 19.
— — *Hanl. & Theob.* Conch. Ind. t. 5. f. 9.

Habitat Thayet Myo, Pegu.

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23. ? Batchianensis Reeve. † III. 43. — Ins. Batchian.

24. Pt. tristis Blanford. †

„Testa late umbilicata, depressa, tenuis, epidermide crassa, fulvescenti-brunnea induta; sub epidermide albida, striatula. Spira convexa; apice parum exserto, perobtuso, sutura profunda. Anfr. 5 rotundati; ultimus teres, longe sensim descendens. Apertura obliqua, rotunda; peristoma brevissime adnatum, duplex: internum parum porrectum, superne juxta suturam vix sinuatum; externum leviter expansum, continuum, a peristomate interno sulco discretum, supra ejus sinum in alam verticalem parvam, instar tubuli imperfecti, antice spectantem anfractum penultimum non attingentem, breviter cucullatim productum. — Operc.? — Diam. maj. $19^1/_2$, min. 16, axis $9^1/_2$, apert. diam. intus $6^1/_2$ mill.“ (Bl.)

Pterocyclos? tristis W. T. Blanf. in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 134. t. 16. f. 9. (Contrib. to Ind. Malac. X. 1869.)

Habitat in provincia „South-Canara“ Indiae (Beddome).

Obs. An potius Cyclophorus vel Rhiostoma?

§. 3.

25. Blandi Bens. † I. 49. II. 32. III. 43. — Pulo Penang.

26. Troscheli Bens. † I. 44. II. 32. III. 43. — *H. Nevill* Enum. 1871. p. 5. — Ceylon.

Species mihi incognitae.

Pterocyclos

Arakanensis Blanf. Conf. *Blanford* Contrib. to Ind. Malac. V. 1865. p. 34 adnot.

zebrinus H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 6.

Mastersi Blanf. } *insignis Theob.* } *Hanl. & Theob.* Conch. Ind. t. 5.

Cambodjensis Morelet Sér. conch. IV. 75.

XIII. Heterocyclus Crosse.

„Testa perforata, scalariformi-turrita, tenuiuscula; anfr. pauci, ultimus descendens, solutus, liber; peristoma simplex,

subirregulariter circulare, marginibus leviter incrassatis. — Operculum subcirculare, tenue, cartilagineo-corneum, infra planiusculum, supra arctispirum, medio concaviusculum; nucleo centrali; margine externo anfractuum prominulo, libero, ad terminum anfr. ultimi attenuato."

Heterocyclus (novum genus) *Crosse* in Journ. Conch. XX. 1872. p. 156. 354.

„Genus testa turrita a Cyclophoris discrepans et operculi forma peculiari inter genera Cyclophorum et Pterocyclum quasi medium, sed ab utroque bene distinguendum". (Cr.)

1. H. Perroquini Crosse. †

„T. perforata, breviter scalariformi-turrita, sublaevis, haud nitens, tenuiuscula, subtranslucida, sordide luteo-albida; spira turbinato-turrita, apice obtusulo; sutura impressa; anfr. 4 convexi, sensim accrescentes, ultimus valde descendens, solutus, liber; apertura subirregulariter circularis, intus concolor; peristoma simplex, marginibus leviter incrassatum. — Operculum arctispirum, albido-luteum; anfr. 4 sensim accrescentes, margine externo prominulo, libero. — Long. $4^1/_2$, diam. maj. $2^1/_4$ mill. Apertura $1^1/_4$ mill. longa, 1 lata." (Cr.)

Heterocyclus Perroquini Crosse in Journ. Conch. XX. 1872. p. 156. 355. t. 16. f. 6. 6 a.

Habitat „Baie du Sud" Novae Caledoniae meridionalis (Perroquin).

XIV. Diadema Pease.

„Testa globoso-turbinata, umbilicata; peristoma continuum, rectum, liberum aut vix adnatum, simplex, subcirculare.

Operculum subcartilagineum, elevatim spiraliter lamellatum, intus concavum, basi late reflexum." (Pease.)

Diadema (nóvum genus) *Harper Pease* in Amer. journ. conch. IV. 1868. p. 157.

Garrettia „Pease" Pätel Catal. 1873. p. 17. 124: genus Realicorum.

— *O. Semp.* in Mus. Godeffr. cat. V. p. 100.

Pterocycli spec. *Pease* antea.

Species:

1. D. parva (Pterocyclos) Pease. †

„T. turbinata, solida, fusco-rufescens, longitudinaliter tenuissime striata, apice acuto, late umbilicata; anfr. 4, ultimo

ad peripheriam angulato et costato, basi bicostato; spira unicostata, costis rugosis; perist. continuo, anfr. penultimo vix adnato; apertura rotundato-ovata. — Operculum corneum, trochleae excavatae simile, intus laevigatum. — Diam. $3^1/_2$, alt. $2^1/_2$ mill.“ (P.)

Pterocyclos? parva Harper Pease in Amer. journ. conch. I. 1865. p. 290; II. t. 5. f. 8.

— *parvus* (Diadema) *Mart. & Langk.* Don. Bismark. p. 58.

Diadema parva Harper Pease in Amer. journ. conch. IV. 1868. p. 158. t. 12. f. 12. (Operculum.)

Garrettia parva „Pease“ Pätel Catal. 1873. p. 124.

— — *O. Semper* in Mus. Godeffr. cat. V. 1874. p. 100.

Habitat „Hervey Isles“ Polynesiae (Pease), Aitutaki (Mus. God.)

Obs. „*Cycl. Apiae* et *strigatum* cum hac specie proprium forsan constituunt subgenus.“ (Pease 1865.)

2. D. rotella Pease. †

„T. turbinata, solida, umbilicata, laevigata; spira elevata; anfr. 4, rotundato-convexis, ultimo ad peripheriam rotundato; sutura bene impressa; perist. vix adnatum; pallide spadicea, ad peripheriam fascia alba cingulata. — Diam. $2^1/_2$, alt. 2 mill.“ (P.)

Diadema rotella Harper Pease in Amer. journ. conch. IV. 1868. p. 158. t. 12. f. 3.

Pterocyclos diadema-rotella Pätel Catal. p. 119.

Garrettia rotella O. Semp. in Mus. Godeffr. cat. V. p. 100.

Habitat in insula Atiu Polynesiae.

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3. biangulata (Garrettia) Pease in Mus. Godeffr. cat. V. p. 100. — Ins. Aitutaki (Nomen.)

XV. Coelopoma A. Adams.

„Operculum elatum, conicum, concavum, corneum, lamina spirali cornea instructum. Testa subdiscoidea, late umbilicata; peristomate simplici, superne subangulato.“ (Ad.)

Coelopoma (novum genus) *A. Adams* in Proc. Zool. Soc. 1867. p. 313.

Species:

1. **C. japonicum A. Adams.** †

„C. testa turbinato-depressa, striata, castanea; spira vix elata, sutura profunda; anfractibus 4½, convexis, cylindraceis, ultimo antice subdilatato, descendente; umbilico lato, profundo; apertura perobliqua, vix circulari, peristomate recto, superne subangulato. — Diam. maj. 14, min. 11, alt. 6½ mill.“ (A.)

Coelopoma japonicum A. Adams in Proc. Zool. Soc. 1867. p. 13. t. 19. f. 29. 29 a.

Habitat Tsu-Siam Japoniae.

XVI. Alycaeus Gray.

„Testa perforata vel umbilicata, conica, turbinata, globosa vel depressa, unicolor, albido- vel succineo-cornea, rarius rubella. Anfractus convexi, ultimus ad latus tumidus (spatio inflato sculptura confertiore plerumque ornato), deinde prope aperturam constrictus, tubulo suturali externo, prope stricturam oriente, antice in anfractu aperto, cum spatio inflato longitudine concordante, postice clauso munitus. Peristoma circulare, plerumque incrassatum vel reflexum. Operculum corneum (rare subtestaceum?), multispirum, nucleo centrali interno prominente saepe munitum.“ (Blanf. 1864.)

Alycaeus Gray, Pfr. Mon. Pneum. I. p. 119; II. p. 32. III. p. 43.
— *W. T. Blanf.* in Ann. and Mag. nat. hist. 3d. ser. XIII. (Jun. 1864). p. 455.
— *Martens* Ostas. Zool. II. 1867. p. 150.
— *Pätel* Catal. 1873. p. 17. 119.
Alcyaeus Issel Moll. Born. 1874. p. 76 (et ubique).

Conspectus specierum.

A. *Orthalycaeus Pfr.*
- a. Subpyramidales . . . . §. 1. Nr. 1— 6.
- b. Globoso- vel ovato-conici . . §. 2. — 7—11.
- c. Subtrochiformes . . . . §. 3. — 12—13.
- d. Conoideo-depressi . . . . . . §. 4. — 14—26.

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§. 1.

1. gibbus (Cyclostoma) Fér. (Coll. 1.) I. 119. II. 33. III. 44. — *Martens* Ostas. Zool. II. p. 66. (?) — *Pätel* Cat. p. 119. — Cochinchina.

2. A. gibbosulus Stoliczka. †

„A. testa gibboso-turrita, anguste umbilicata, violaceo-rubente, ultimo anfractu pallidiore, lutescente, apice albescente; anfractibus 5, valde convexis, sutura profunda et simplici junctis, primo laevigato, tribus sequentibus transversim densissime striato-costellatis atque spiraliter striatis, ultimo gibbose inflato, paulo distinctius costellato, prope aperturam breviter sed valde constricto, sub-laevigato, vix deflexo, post constrictionem tubulo tenui, circiter 2 ad 3 mm. longo, nonnunquam fere immerso, instructo; apertura circulari, modice lata, in adolescentibus margine simplici undique expansiusculo circumdata, in adultis bilabiata, labio interno extus tubuliforme producto, crassiusculo, externo dilatato atque tenui. — Operculum solidum, latere interno corneo, convexiusculo, medio submammillato, multispirato, impressione musculari transverse ovata atque excentrica instructo, externo calcareo, concaviusculo, in superficie irregulariter rugoso. — Diam. maj. 9,2, min. 7, alt. testae 9,6; diam. apert. int. 3,8, externae 4,8 mm.“ (St.)

Alycaeus gibbosulus Stol. in Journ. As. Soc. Beng. XLI. Pt. 2. 1872. p. 268. t. 10. f. 14.

Habitat in insula Penang. (Prince of Wales island).

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3. pyramidalis Bens. II. 33. III. 44. — Birmania.
4. Mouhoti Pfr. (Coll. 2.) III. 44. — *Mouhot* Trav. II. tab. ad p. 186. f. 1. 2. (*Martens* Ostas. Zool. II. p. 67.) — Camboja.
5. Jagori Martens. (Coll. 3.) III. 44. — *Martens* Ostas. Zool. II. p. 152 *) cum var. minore. — *Pätel* Cat. p. 119. — Java, var. Celebes.

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*) „Testa anguste umbilicata, elate turbinata, tenuiuscula, conferte costulata, virenti-flava, anfr. ultimo pallidiore; spira elate conica, acutiuscula;

6. Hochstetteri Pfr. (Coll. 4.) III. 45. — *Martens* Ostas. Zool. II. p. 152 *). — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 76. — Java, Borneo.

§. 2.

7. pilula Gould. † III. 45. — *Martens* Ostas. Zool. II. p. 40. — Hongkong.
8. constrictus (Cyclostoma) Bens. I. 20. II. 35. III. 45. — Himalaya.
9. graphicus Blanford. † III. 46. — Var.: *Theob.* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 398 **). t. 18. f. 3. — Montes Arakanenses Burmaniae, var. „Shân States" (Fedden).
10. Otiphorus Bens. III. 46. — *Pfr.* Novit. conch. IV. p. 18. Nr. 690. t. 112. f. 28—31. — Himalaya.
11. Bembex Bens. † III. 46. — Vallis Rungun.

§. 3.

12. Vulcani Blanf. (Coll. 5.) III. 47. — *Blanf.* Contrib. to Ind. Malac. Nr. 4. p. 5. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 449. Nr. 597. t. 98. f. 37—39. — *Pätel* Cat. p. 119. — Ava.
13. sculptilis Bens. II. 35. III. 47. — *Pfr.* Novit. conch. IV. p. 17. Nr. 688. t. 112. f. 20—23. — *Pätel* Cat. p. 119. — India.

§. 4.

14. Andamaniae Bens. † III. 47. — Ins. Andaman.
15. umbonalis Bens. (Coll. 6.) II. 36. III. 48. — *Pätel* Cat. p. 119. — Birmania.
16. Physis Bens. † III. 48. — Vallis Rungun prope Darjiling.

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anfr. 6, valde convexi, ultimus 4 mill. pone aperturam constrictus ibique tubulo brevi recumbente calliformi albo instructus, gibboso-inflatus; apertura valde obliqua, circularis, superne haud angulata; peristoma incrassatum, album, duplicatum, externum undique expansum, margine columellari paulum angustiore. Operculum tenue, corneum, fere pellucidum, arctispirum, extus paulum concavum, in ipsa strictura situm, margine acuto. — Diam. maj. 6, min. 5, alt. 6; apert. long. et lat. incluso perist. 3, excluso 2 mill. — β. Minor: diam. maj. $5^1/_2$, min. $4^1/_2$, alt. $5^1/_4$; apert. long. et lat. incluso perist. $2^1/_2$, excluso $1^1/_3$ mill." (v. M.)

*) „Testa anguste umbilicata, conoideo-turbinata, tenuiuscula, conferte costulato-striata, virentiflava; spira regulariter turbinata, apice obtusiuscula; anfr. $5^1/_2$, convexi, ultimus 4 mill. pone aperturam constrictus, pone stricturam tubulo brevissimo suturam non excedente munitus, gibboso-inflatus; apertura perobliqua, circularis, superne obscure angulata; peristoma incrassatum, album, distincte duplicatum, externum patens, juxta umbilicum subcompressum excisum. — Diam. maj. $6^1/_2$, min. 5, alt. $5^1/_3$; apert. long. et lat. excluso perist. 2, incluso $3^1/_2$ mill." (v. M.)

**) „Differt a forma typica habitu breviore, subtiliore et magis globoso, costulis anfractuum distantioribus et acutis, nonnullis in ipsa strictura conspicuis. Testa pure alba, apice et anfractu contiguo pulchre pallide flavidis."

17. prosectus Bens. II. 36. III. 48. — India.

18. Ingrami Blanford. (Coll. 7.) III. 48. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 448. Nr. 596. t. 98. f. 31—33. — *Godwin Austen* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 8. t. 2. f. 7. — *Pätel* Cat. p. 119. — Arakan.

19. A. glaber Blanford. †

„Testa late umbilicata, conoideo-depressa, solida, rubello-albida, in anfractibus supremis obscurior, laevigata praeter partem inflatam anfractus ultimi, subtilissime et dense costulatam; spira depresso-conoidea, apice obtusiusculo, sutura impressa; anfr. 4, convexi, ultimus ad peripheriam obsolete subangulatus, latere modice inflatus, tum constrictus, prope aperturam parum descendens; constrictio mediocriter longa, laevis, medio leviter inflata; tubus suturalis mediocris; apertura diagonalis, circularis; perist. magis minusve distincte duplicatum, incrassatum, modice expansum. — Operc. corneum, obscurum, extus concavum, intus convexum, nucleo centrali prominente. — Diam. maj. 7½, min. 6, axis 4½ mill." (B. angl.)

Alycaeus glaber W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 20.

Habitat Akyab, Arakan.

Obs. Differt a persimili *A. Ingrami* absentia sculpturae in anfractibus superioribus et apertura magis obliqua.

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20. Caroli Semp. III. 49. — *Pfr.* Novit. conch. IV. p. 18. Nr. 689. t. 112. f. 24—27. — Digallorin insulae Luzon.

21. armillatus Bens. † II. 37. III. 49. — Birmania.

22. humilis Blanford. † III. 49. — Pegu prov. Burmana.

23. A. politus Blanford. †

„Testa mediocriter umbilicata, turbinato-depressa, laevigata, polita, nitida, succinea; spira depresso-conoidea, sutura profunda, apice obtuso, rufescente; anfr. 3½, convexi, ultimus rotundatus, versus aperturam vix descendens, latere perparum inflatus et ornatus (in parte inflata) costulis subtilibus confertis usque ad umbilicum attingentibus et hanc testae partem opacam reddentibus; constrictio elongata, laevigata, nitida, aperturam versus valde intumescens; tubus suturalis brevis, circa $^1/_5$ vel $^1/_6$ peripheriae penultimi anfractus; apertura obliqua, circularis, ad junctionem cum anfr. penultimo et ad marginem dextrum inferiorem profunde sinuata; perist. duplex: internum

prominens et continuum, externum revolutum. — Operc. corneum, multispirale. — Diam. maj. 3, min. $2^1/_4$, axis $1^1/_4$ mill.“ (B. angl.)

Alycaeus politus W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 19.

Habitat prope Cape Negrais, Arakan.

Obs. Differt a simili *A. humili* spira humiliore, umbilico latiore, apertura magis sinuata et praecipue splendore.

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24. Theobaldi Blanford. † III. 49. — Montes Khasia Indiae.
25. longituba Martens. † III. 50. — Charax *Martens* Ostas. Zool. II. p. 151. t. 4. f. 8. — Ins. Sumatra.

26. A. japonicus Martens. †

„Testa perspective et latissime umbilicata, turbinato-depressa, confertim costulata, pallide flava; spira brevis, at prominula, apice mammilliformi; anfr. $3^1/_2$, convexi, sutura profunda discreti, ultimus prope aperturam laevigatus, leviter constrictus et tubulo in ipsa sutura recurrente circiter 1 mill. longo instructus; apertura diagonalis, circularis; peristoma incrassatum, duplex, externum breviter expansum. — Operc. tenue, fulvo-fuscum, nitens, multispirum, profunde immersum. — Diam. maj. $4^1/_2$, min. $3^2/_3$, alt. $2^1/_2$; apert. long. et lat. $1^1/_2$ mill.“ (v. M.)

Alycaeus japonicus Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 51; Ostas. Zool. II. p. 13.

Habitat circa Yokohama Japoniae.

Obs. „Operculum Alycaeorum propriorum, sed testa *A. longitubae* proxime affinis.“

§. 5.

27. succineus Blanford. † III. 50. — Montes Arakanenses.
28. polygonoma Blanford. † III. 51. — Montes Arakanenses.

29. A. Kurzianus Theobald & Stoliczka. †

„A. testa subglobose conoidea, late umbilicata, pallide rubescente; anfractibus 4, valde convexis, sublaevigatis, transversim distanter obsolete costellatis, ultimo anfractu medio ambitus modice inflato, confertim costulato, tum valde constricto laevigatoque, in constrictione costa obtusa transversa instructo, rursusque expansiusculo atque paulo deflexo; apertura magna, obliqua, subrotundata, supra obtuse angulata,

infra anguste canaliculata; peritremate modice incrassato, duplici, externo paulum expanso, labro interno plicatulo, labio sublaevigato. — Diam. maj. speciminis maximi 3,5, min. 3, alt. 2,7 mill." (Th. & St.)

Alycaeus Kurzianus Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 330. t. 11. f. 2.

Habitat Pegu (Kurz), Nattoung in provincia Barmana, Prome dicta (Theobald).

Obs. „Differt ab *A. polygona* (sic!) forma peculiari aperturae cum canali basali et plicatione interna labri exterioris. Praeterea illius anfractus altiores et magis rotundati sunt."

*

30. nitidus Blanford. † III. 51. — Tongoop in Arakan.

31. A. Richthofeni Blanford. †

„Testa umbilicata, turbinata, solidiuscula, dense flexuose costulata, fortius in parte inflata; spira conica, apice acutiusculo, sutura impressa; anfr. 5, rotundati, ultimus latere modice inflatus, peripheria et circa umbilicum subangulatus, tum valde constrictus, leviter ascendens ad inflationem, valde descendens pone aperturam; constrictio leviter costulata, crista verticali valde prominula partita; tubus suturalis mediocris, circa $2^1/_2$ mill.; apertura circularis, perobliqua; perist. continuum, duplex: internum leviter productum et latere dextro ter undulatum; externum late et plane expansum. — Operc.? — Diam. maj. 5, min. 4, alt. 4; diam. apert. $1^1/_2$ mill." (B. angl.)

Alycaeus Richthofeni W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 6.

Habitat Molmain (F. v. Richthofen).

32. A. Reinhardi Mörch. †

„T. conoideo-turbinata, anguste umbilicata, conferte costulato-striata, lineis confertis spiralibus in anfr. ultimo evanescentibus; color flavescens vel ochraceus praesertim in anfr. apicalibus; spira regulariter turbinata, apice obtusiusculo; anfr. convexi, ultimus teres, ad suturam 2 mill. pone aperturam constrictus; crista indistincta pone aperturam. Pone stricturam tubulus filiformis, in ipsa sutura repens et recurrens, longissimus (3 mill.). Apertura circularis, obliqua, superne angulata; peristoma duplex, labro externo tenui, reflexo, interno subincrassato, vix reflexo, umbilicum versus fere connato. — Diam. maj. 5, diam. apert. $2^1/_2$ mill. — Operculum calcareum, flavum,

extus concavum, irregulare, spiraliter laminosum, striis incrementi peripheriam versus expressis, intus planum, laeve, mamilla centrali; peripheria marginata, acie sulco diviso. — Diam. $1^4/_5$ mill.“ (M.)

Alycaeus Reinhardi (Charax) *Mörch* in Journ. Conch. XX. 1872. p. 315; Vid. Medd. XI. 1872. p. 22.

Habitat in insulis Nicobaris.

33. A. bifrons Theobald. †

„Testa perspective umbilicata, depresse conoidea, translucente, cornea; apice rubello; spira elevatiuscula, sutura impressa; anfractibus quatuor, rotundis, juxta stricturam regulariter et confertim striato-costulatis, reliqua parte aliquando fere laevigatis, aliquando levissime striatis. Strictura glabra, longa, fere quartam ult. anfractus aequante, duabus costis fortissimis munita, quarum posterior paulo robustior et anteriore longior est; tubulo suturali tenuissimo, adpresso, quartam peripheriae aequante; apertura ampla, circulari, sensim deflecta; perist. duplici, albido, labio adnato angustissimo, labro infra modice incurvato. — Diam. maj. 0,20, min. 0,15, alt. 0,10 unc.“ (Th.)

Alycaeus bifrons Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 398. t. 18. f. 1.

Habitat „Shân States“ Indiae (Fedden).

§. 6.

34. hebes Bens. II. 37. III. 51. — India.
35. Gemmula Bens. III. 52. — Vallis Rungun.
36. stylifer Bens. II. 37. III. 52. — Himalaya.
37. spiracellum (Cyclostoma) A. Adams & Reeve. I. 50 (Pterocyclos?). II. 35. III. 52. — *Martens* Ostas. Zool. II. p. 150. — *A. Adams* in Proc. Zool. Soc. 1867. p. 314: Japonia. — *Opisthoporus spiracellum Bens.* — *Alcyaeus spiracellum Issel* Moll. Born. p. 77. — Borneo.
38. strangulatus (Cyclostoma) Hutt. (Coll. 8.) I. 120. II. 37. III. 52. — *Pätel* Cat. p. 119. — *Cyclophorus strangulatus Pfr.* — India.

39. A. Avae Blanford. †

„Testa depressa, aperte umbilicata, tenuis, undique dense (fortius in parte inflata anfr. ultimi) costulata, alba vel pallide succinea; spira perdepresse conoidea, apice obtuso, sutura impressa; anfr. 4, ultimus latere perparum inflatus, tum modice constrictus; constrictio longiuscula, medio tumida, indistincte costulata; tubus suturalis brevis, circa $1^1/_2$ mill.; aper-

tura circularis, diagonalis; peristoma incrassatum, duplex: externum expansum, internum continuum et basi leviter productum. — Operc. tenue, corneum, multispirale, extus perconcavum, intus convexum, tuberculo centrali carens. — Diam. maj. $3^1/_2$, min. 3, alt. 2; diam. apert. 1 mill.“ (B. angl.)

Alycaeus Avae W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 5.

Habitat in collibus ad orientem Mandalay et Avae.

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40. expatriatus Blanford. † III. 52. — Montes Nilgiri et Shevroy.
41. Footei Blanford. † III. 53. — Montes Kolamullies Indiae australis.
42. plectocheilus Bens. † III. 53. — Vallis Rungun

43. A. cucullatus Theobald. †

„Testa umbilicata, depresse subdiscoidea, rubente cornea, transversim striata, juxta stricturam striis fortioribus sive costulis filiformibus confertissimis ornata; apice glabro, rufescente, elevatiusculo; anfractibus quatuor, convexis; tubulo suturali modico, quartam peripheriae vix aequante; strictura brevi, laevigata, striis nonnullis costiformibus ad basin et costa crassa transverse notata. Apertura parum obliqua, subrotundata, fere soluta, labro externe modice expanso, lamellose undulato, ad marginem paulo incrassato, 5-inciso, lamella supera maxime producta; labio simplici, paulo arcuato, supra vix adnato; operculo corneo, margine elevato nucleoque centrali parum excavato. — Diam. maj. 0,21, diam. min. 0,20, alt. 0,21 unc.“ (Th.)

Alycaeus cucullatus Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 396. t. 18. f. 2.

Habitat „Shân States“ Indiae (Fedden).

Obs. Species labro crenulato *A. plectocheilo* affinis.

44. A. digitatus H. Blanford. †

„Testa solida, depresse turbinata, umbilicata, albido-cornea, regulariter costulata; pone aperturam usque ad tubulum striata. Spira parum exserta, apice obtusulo. Anfractus 4, rotundati; ultimus inflatus, deinde constrictus, iterum abrupte expansus, denique abrupte constrictus, antice depressus et in 5 plicationes validas desinens. Tubulus post constrictionem oriens, recurvatus, $^1/_6$ anfractus subaequans. Sutura impressa. Apertura perobliqua. Peristoma duplex; externum simplex, evertatum; internum continuum, superne valde prolongatum, 5-plicatum.

Plica basalis abrupte recurvata. Operculum corneum, extus concavum. — Alt. 3,6, diam. maj. 5,5, min. 4 mill.; apert. alt. $2^2/_5$, lat. 2,75 mill.“ (Bl.)

Alycaeus digitatus H. Blanf. in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 41. t. 2. f. 4.

Habitat apud Darjeeling „in vallo Rungno fluminis“ Himalayae Sikkimensis.

Obs. Proxime affinis *A. plectocheilo Bens.*

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§. 7.

45. Amphora Bens. II. 34. III. 54. — Burmania.
46. Urnula Bens. II. 34. III. 54. — Himalaya.
47. bacca Pfr. (Coll. 9.) III. 54. — Camboja.

48. A. Swinhoei H. Adams. †

„A testa anguste umbilicata, globoso-turbinata, tenuiuscula, dense oblique tenuissime striata, pallide fulva; spira turbinata, apice acutiuscula, sutura profunda; anfr. $4^1/_2$, convexis, ultimo ventricoso, ad aperturam valde constricto, e strictura canalem elongatam in sutura retrocedentem emittente; apertura verticali, spira breviore, circulari; perist. continuo, vix adnato, undique expanso. — Operc.? — Diam. maj. $6^1/_2$, min. 5, alt. $6^1/_2$ mill.“ (A.)

*Alycaeus Swinhoei (*Dioryx*) H. Adams* in Proc. Zool. Soc. 1866. p. 318. t. 33. f. 11. 11 a.

Habitat Takow in insula Formosa.

49. A. globosus H. Adams. †

„A. testa perforata, ovato-globosa, tenui, costulis tenuissimis numerosis longitudinaliter ornata, pallide fulva; spira turbinata, apice obtusiusculo, sutura valde impressa; anfr. $4^1/_2$, convexis, ultimo tumido, antice paulum ascendente, 2 mill. pone aperturam constricto, tubulum suturalem brevissimum gerente; apertura subobliqua, circulari; perist. duplicato; interno continuo, breviter porrecto; externo patente, ad anfr. contiguum interrupto, supra perforationem angulatim producto et valde reflexo, perforationem fere occultante. — Diam. maj. 5, min. $3^1/_2$, alt. 4 mill.“ (Ad.)

Alycaeus globosus H. Adams in Proc. Zool. Soc. 1870. p. 794.

Alcyaeus globosus Issel Moll. Born. p. 77.

Habitat Busan prope Sarawak, Borneo.

50. A. distortus (Cyclostoma) Haines.

T. perforata, globoso-conica, tenuis, confertissime capillaceo-striata, alabastrina; spira turbinata, apice obtusula; sutura profunda, simplex; anfr. 5 convexi, ultimus inflatus, juxta aperturam oblique turgidus et pone peristoma valde constrictus, tubulum suturalem fere dimidium anfractum occupantem emittens; apertura axi parallela, subcircularis; perist. continuum, album, incrassatum et undique expansum. — Operculum? — Diam. maj. $11^1/_3$, min. 10, alt. 11 mill. Apert. diam. intus 4, cum perist. 6 mill. (Coll. Dohrn.)

Cyclostoma distortum Haines 1855.
Alycaeus distortus Pfr. Mon. Pneum. II. p. 33. nr. 2; III. p. 54. nr. 37. Conf. *Mart.* Ostas. Zool. II. p. 66.
— — *Pfr.* Novit. conch. IV. p. 19. Nr. 691. t. 112. f. 32. 33.

Habitat Siam.

51. A. Feddenianus Theobald. †

„Testa globoso-subturbinata, profunde umbilicata, glabra, in ultimo anfractu ad suturam peculiariter deplanata, deinde subangulata et infra angulum levissime convexiuscula seu planata et angustata, solida, brunnea; anfractibus $3^1/_2$, rapide crescentibus, superioribus convexiusculis, ultimo supra et prope umbilicum angulato; tubulo suturali tenui, prope aperturam oriente et fere dimidium ultimi anfractus in longitudine aequante; strictura brevissima, vix conspicua; apertura circulari, carneola, supra angustissime adnata; perist. duplici, interno integro, tenuissimo, externo breviter expansiusculo et reflexo. — Diam. maj. 0,20, min. 0,16, alt. 0,16 unc.“ (Th.)

Alycaeus Feddenianus Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2, p. 397. t. 18, f. 4.

Habitat „Shân States“ Indiae (Fedden).

52. A. Kobeltianus Möllendorff. †

„Testa rimata, globoso-conica, pellucida, subtilissime striata, pallide flava; spira brevis apice obtuso; anfr. 4 convexi, ultimus valde inflatus, immediate pone aperturam constrictus, pone stricturam tubulo suturae adnato 2 mill. longo; apertura subcircularis, subobliqua; peristoma duplex. — Operculum terminale, tenue, corneum, subconcavum, anfractibus subdistinctis. — Long. 5, diam. maj. $4^1/_2$, min. 4 mill.; apert. diam. $2^1/_4$ mill.“ (v. M.)

Alycaeus Kobeltianus (Dioryx) *Möllend.* in Jahrb. malak. Ges. I. 1874. p. 79. 121.

Habitat in montibus prope Kiukiang Chinae.

§. 8.

53. vestitus Blanford. † III. 54. — Montes Arakanenses.
54. crenulatus Bens. † III. 55. — Vallis Rungun.

XVII. Hybocystis Benson.

Pfr. Mon. Pneum. III. p. 56. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. (Jun. 1864.) p. 460. — *Pätel* Catal. 1873. p. 17. 119. — *Pollicaria Gould* (ex parte), *Martens* Ostas. Zool. II. 1867. p. 67. — *Stoliczka* in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 150: genus Pupinidarum.

Species:

1. gravida (Megalomastoma) Bens. (Coll. 1.) III. 56. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 1. — *Pätel* Cat. p. 119. — *Cyclostoma pollex Gould.* — *Pollicaria gravida Stoliczka* in Journ. As. Soc. XL. 1871. p. 150. — Forma juvenilis: *Otopoma Blennus Bens.* olim. (II. 111.) — Moulmein Birmanorum.
2. Mouhoti Pfr. (Coll. 2.) III. 57. — *Mouhot* Trav. II. tab. ad p. 186. f. 13. (*Martens* Ostas. Zool. II. p. 67.) — *Pätel* Cat. p. 119. — Camboja.
3. ? Myersi (Cyclostoma) Haines. II. 79 (Megalomastoma). III. 57. — *Pollicaria Myersii Gould.* — *Martens* Ostas. Zool. II. p. 67. — Siam.

Subfam. II. Diplommatinacea.

Pfr. Mon. Pneum. II. p. 9; III. p. 8. — *O. Semper* in Journ. Conch. XIII. 1865. p. 289. — *Crosse* ibid. XIV. 1866. p. 348. — *Diplommatininae Stoliczka* in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 153.

XVIII. ? Opisthostoma W. & H. Blanford.

Pfr. Mon. Pneum. III. p. 55. — *O. Semper* in Journ. Conch. XIII. p. 294 et *Blanford* ibid. XV. 1867. p. 98 cum dubio Diplommatinaceis adnumerant. Conf. *H. Adams* in Proc. Zool. Soc. 1866. p. 445. — *Blanford* in Proc. Zool. Soc. 1866. p. 447; Ann. and Mag. nat. hist. 3d. ser. XIX. 1867. p. 305. — *Stoliczka* in Journ. As. Soc. XL. 1871. p. 157: genus Diplommatininarum. — *Pätel* Catal. 1873. p. 17. 119: genus Cycloteorum. — *Plectostoma H. Adams* in Ann. and Mag. n. h. 3d. ser. XV. 1865. Nr. 87. p. 177. (*Pfr.* Mon. Helic. V. p. 436.) — *Scoliostoma* sp. *Crespigny* Nat. hist. review 1864. p. 599.

Species:

1. Nilgirica Blanford. † III. 55. — *Opisthostoma nilgiricum W. T. Blanford* in Proc. Zool. Soc. 1866. t. 38. f. 13. — Pykara montium Nilgiri.

2. **O. Fairbanki Blanford.** †

„Testa irregulariter ovata, albida, confertim costulata, lineis impressis spiralibus minutis, vix sub lente conspicuis, saepe obsoletis, inter costulas signata. Spira breviter subcylindrica, apice perobtuso, sutura profunda. Anfr. 5, rotundati, duo apicales parum exserti, ex axi deviantes, tertius multo major, quartus maximus, quintus brevissime constrictus, ad stricturam angulo acuto versus umbilicum deflexus, in figuram literae S curvatus, umbilicum omnino tegens, denique sinistrorsum ascendens, anfractus penultimus undique junctus. Apertura postica, verticalis, subtrigonali-rotundata; peristoma simplex, undique expansum. — Operculum normale. — Diam. incl. perist. 1, 5, perist. non incl. 1; alt. 1, 5; aperturae diam. circa 0,5 mill.“ (B.)

Opisthostoma Fairbanki W. T. Blanf. in Proc. Zool. Soc. 1866. p. 448. t. 38. f. 14; Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 140. t. 16. f. 6.

Habitat prope Khandalla inter Bombay et Poona Indiae orientalis (S. Fairbank).

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3. Crespignyi (Plectostoma) H. Adams. (Coll. 1.) *Plectostoma De Crespignii H. Adams* in Ann. and Mag. n. h. 3d. ser. XV. p. 177. (*Pfr.* Mon. Helic. V. 437.) — *Issel* Moll. Born. p. 76. t. 6. f. 13—15. — *Opisthostoma Decrepignyi Pätel* Cat. p. 119. — Labuan, Borneo.

4. O. macrostoma Beddome. †

„Testa perforata, conoideo-ovata, albida vel pallide rubella, subdistanter oblique filiformi-costulata, sub lente spiraliter minutissime et confertissime striata. Spira elevato-conoidea, lateribus convexis, apice acutiusculo; sutura valde impressa. Anfr. $5^1/_2$, convexi, apicales normales non deviantes, penultimus vix major, ultimus confertius costulatus, brevissime constrictus, antice sigmoideo-deflexus. Umbilicus ab anfractu ultimo non occultus. Apertura retrorsa subrotunda, fere verticalis; peristoma brevissime ad anfractus duos, penultimum et antepenultimum, adnatum, duplex, internum continuum expansiusculum, externum expansum, breviter interruptum. — Long. 3, diam. maj. 3, min. 2, apert. diam. cum. perist. $1^1/_2$ mill.“ (Bl.)

Opisthostoma macrostoma Bedd. mss.; *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 139. t. 16. f. 7. (Contrib. to Ind. Malac. X. 1869.)

Habitat in montibus Bramagiri dictis, in regione Wynaad, haud procul a littore Malabarico Indiae (H. Beddome).

XIX. Diplommatina Benson.

Pfr. Mon. Pneum. I. p. 121; II. p. 9; III. p. 8. — *O. Semper* in Journ. Conch. XIII. 1865. p. 289. — *Crosse* ibid. XIV. 1866. p. 348. — *Martens* Ostas. Zool. II. 1867. p. 164. — *W. T. Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIX. 1867. p. 306 (animal cum icone: oculi ut in Cyclophoro); Contrib. to Ind. Malac. IX. 1868 (Journ. As. Soc. XXXVII. Pt. 2); Ann. and Mag. n. h. 4th. ser. III. 1869. p. 343. — *Macdonald* in Ann. and Mag. n. h. 4th. ser. IV. 1869. p. 77: genus Cyclophoridarum. — *Godwin Austen* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 7. — *Stoliczka* ibid. XL. 1871. Pt. 2. p. 153. — *Pätel* Catal. 1873. p. 16. 118.

Injungantur genera (vel subgenera) *Palaina O. Semper*, *Moussonia O. Semper*, *Nicida W. T. Blanford* et *Arinia H. & A. Adams.*

Conspectus specierum.

A. Normales,
- a. dextrorsae . . . . §. 1. Nr. 1—29.
- b. sinistrorsae . . . . §. 2. — 30—49.

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§. 1.

1. folliculus Pfr. (Coll. 1.) I. 122. II. 10. III. 9. — *Blanf.* l. c. 1868. t. 1. f. 2. t. 3. f. 5 (animal). — *Pätel* Cat. p. 118. — *Carychium costatum Hutt.* — *Bulimus folliculus Pfr.* olim. (Helic. II. 82.) — India.

2. Pullula Bens. † III. 9. — *Blanf.* 1868. t. 1. f. 7. — Darjiling Himalayae.

3. D. affinis Theobald. †

„Testa dextrorsa, ovata, turrita, vix rimata; anfract. 7, regulariter crescentibus, transversim leviter striatis, ultimo antice valde ascendente *D. pullulae* modo; apertura ovali, margine columellari recto, dente parvo instructo, labro duplici, extra expansiusculo. — Long. 0,18, lat. 0,08 unc.“ (Th.)

Diplommatina affinis Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 398.

Habitat „Shan States“ (Fedden).

Obs. „*D. pullula* differt magnitudine, spira minus attenuata et apertura magis rotundata.“

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4. costulata (Carychium) Hutt. (Coll. 2.) I. 122. II. 10. III. 9. — *Blanf.* 1868. t. 1. f. 4. — *Pätel* Cat. p. 118. — *Carychium parvulum Boys.* — Himalaya.

5. diplocheilus Bens. II. 10. III. 9. — *Blanf.* 1868. t. 2. f. 1. — *Pätel* Cat. p. 118. — Montes Khasia.

6. D. labiosa Blanford. †

„Testa dextrorsa, non rimata, ovato-acuminata, pallide succinea, solidula. Spira attenuato-conica, subturrita, apice acutiusculo, sutura impressa. Anfr. $7^1/_2$—8 convexi, primi confertim costulati, 3 ultimi laevigati, nitiduli, antepenultimus

major, ultimus versus aperturam interdum subdistanter costulatus, antice ascendens. Apertura verticalis, late auricularis, subcircularis, plica columellari valida munita; peristoma rectum, incrassatum, subtriplex, externum valde expansum, internum expansum, sulcatum, subduplex, margine columellari brevi, subsinuato, subtus angulo vix saliente desinente; callo parietali tenui, mediocriter expanso. — Long. $3^3/_4$, diam. vix 2 mill. Apert. cum perist. $1^1/_2$ mill. longa, diam. intus circa $^3/_4$." (Bl.)

Diplommatina labiosa W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 4. (Journ. As. Soc. Beng. XXXVII. Pt. 2) t. 2. f. 3.

Habitat in montibus Khasi et Garo dictis (Godwin-Austen).

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7. pachycheilus Bens. II. 10. III. 9. — *Blanf.* 1868. t. 1. f. 6. (Long. 5, non 4 mill.) — *Pätel* Cat. p. 118. — Darjiling.

8. D. tumida Austen. †

„Testa dextrorsa, tumide ovato-fusiformis, pallide cornea vel viridula, undique confertim ac subtiliter costulata; spira attenuata, acuminatiuscula; anfr. 8, lateribus superne planis, deorsum rotundatis, inferiores tumidi, penultimus maximus, immediate pone peristoma distincte constrictus, ultimus in penultimum leviter ascendens; sutura impressa; apertura verticalis, circularis, margine columellari substricto, dente magno; perist. duplex, modice incrassatum et continuum, callum in penultimo formans. — Altit. 0,23, diam. 0,13, diam. apert. c. perist. 0,07 poll." (A. angl.)

Diplommatina tumida Godwin-Austen in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 6. t. 2. f. 2.

Habitat „N. Cachar hills" montium Khasia.

Obs. Peraffinis *D. pachycheilo Bens.*, sed etiam characteribus ad *Blanfordianam* accedens.

9. D. semisculpta Blanford. †

„Testa dextrorsa, non rimata, ovato-conica, solidiuscula, albida vel succinea. Spira conica, subattenuata, apice acutiusculo, sutura superne mediocriter impressa, subtus profunda. Anfr. 7 convexi, primi costulati, postremi laevigati, antepenultimus major, ventricosus, penultimus juxta aperturam leviter constrictus, ultimus antice ascendens, subtus rotundatus. Apertura verticalis, late auricularis; peristoma incrassato-expansum, subduplex vel duplex, margine dextro subrecto, columellari sinuato, angulo saliente subtus desinente, basali juxta angulum fere

concavo, dente columellari valido, callo parietali mediocriter expanso, tenui, appresso. — Long. 4, diam. 2 mill.; apert. cum perist. $1^1/_2$ mill. longa, intus 1 lata.“ (Bl.)

Diplommatina semisculpta W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 2. (Journ. As. Soc. Beng. XXXVII. 2) t. 1. f. 6.

Habitat in regionibus Himalayanis.

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10. Blanfordiana Bens. † III. 10. — *Bens.* in Ann. and Mag. n. h. 3d. ser. V. 1860. p. 460. — *Blanf.* 1868. t. 1. f. 8. — Darjiling.

11. D. Jatingana Austen. †

„Testa dextrorsa, ovato-fusiformis, solida, pallide cornea (juniores saepe laete rufescentes), diaphana, in anfractibus quatuor prope apicem subtiliter et acute costulata, tum sensim debilius striata, 2 ultimis anfr. fere laevigatis; spira conica, lateribus planulatis, apice acutiuscula, sutura inferne leviter impressa; anfr. 7, antepenultimus maximus, penultimus in $^1/_4$ pone peristoma leviter constrictus, ultimus, praesertim pone stricturam, ascendens; apertura subverticalis, late auriculata; perist. solidum, duplex, margine columellari stricto, ad basin rectangulo; dens columellaris magnus, rudis et obtusus, interdum descendens; labia levissime expansa, externum magis quam internum, internum continuum, callum fortem in anfractu penultimo formans. — Alt. 4, diam. $2^1/_4$, diam. apert. 1 mill.“ (A. angl.)

Diplommatina Jatingana Godwin-Aust. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 1. t. 1. f. 1.

Habitat in montibus Khasia.

Obs. Affinis *D. Blanfordianae* et *semisculptae.*

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12. D. scalaria Blanford. †

„Testa dextrorsa, non rimata, ovato-acuminata, subfusiformis, costulis validis verticalibus distantibus ornata, pallide succinea. Spira conica, sub-turrita, apice subacuto, sutura valde impressa. Anfr. 7 rotundati, duo primi laevigati, tertius confertim, caeteri distanter costulati, antepenultimus major, tumidus, ultimus versus aperturam ascendens, basi rotundatus. Apertura subverticalis, leviter sursum spectans, late auricularis, plica columellari mediocri intus munita; perist. duplex, internum continuum, expansum, externum expansum, fere retro-

relictum, margine dextro juxta anfractum penultimum sinuato, tunc angulatim antice porrecto, subtus una cum basali recto, columellari verticali, subtus angulo obtuso desinenti, callo parietali expanso, superne suturam fere attingente. — Long. $3^1/_2$, diam. 2 mill. Apert. c. perist. vix $1^1/_2$ mill. longa, diam. intus circa $^2/_3$." (Bl.)

Diplommatina scalaria W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 3. t. 2. f. 2; Journ. As. Soc. Beng. XXXVII. Pt. 2. t. 2. f. 2. 2a.

Habitat ad latus occidentale montium Khasi.

13. D. ungulata H. Blanford. †

„Testa dextrorsa, ovato-conica, subrimata, tenuis, costulata, cereo-albida. Spira superne conica; sutura impressa; apex obtusulus. Anfractus 7; duo primi laevigati, ceteri confertim costulati; antepenultimus major, tumidus; penultimus supra aperturam constrictus; ultimus valde ascendens, ad basin rotundatus. Apertura subobliqua, subquadrata; plica columellaris mediocris. Peristoma subduplicatum, margine dextro evertato, juxta suturam sinuatum, in expansionem angustam unguiformem, antice productum; subtus rectum. Callus columellaris late appressus. — Alt. 3, diam. vix 2; apert. alt. 1, lat. 1 mill." (Bl.)

Diplommatina ungulata H. Blanf. in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 42. t. 2. f. 5.

Habitat apud Darjeeling.

Obs. Conformatione labri soli *D. scalariae W. Blanf.* similis est.

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14. polypleuris Bens. † II. 11. III. 10. — *Blanf.* 1868. t. 3. f. 1. — Var.: *Godwin Austen* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 4 *). t. 1. f. 4. — Montes Khasia.

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*) Testa dextrorsa, ovata, cylindrica, non rimata, crassiuscula, pallide succinea, subtranslucens, undique regulariter, profunde et subconfertim costulata; spira lateribus elevato-conoideis, apice obtuso; anfr. $6^1/_2$, convexi, sutura profunde impressa; anfractus versus spiram regulariter decrescentes, antepenultimus et penultimus fere aequales, ultimus vix ascendens; apertura verticalis, circularis; perist. duplex, modice crassum, externum et internum aequaliter evoluta, externum expansum, ad basin columellae angulatum, internum strictum, in anfr. penultimo in callum tenuem angustum continuatum; constrictio in fronte aperturae. — Altit. $1^1/_2$, diam. $^2/_3$, diam. apert. $^1/_3$ mill." (A. angl.)

15. D. Austeni Blanford. †

„Testa dextrorsa, non rimata, conico-ovata, albida vel succinea. Spira superne conica, non attenuata, sutura impressa, apice obtusiusculo. Anfr. 6, primi 3 gradatim crescentes, confertim minute costulati, ultimi laevigati vel costulis subobsoletis signati, antepenultimus major, ultimus aliquando lineis subdistantibus versus aperturam signatus, antice ascendens, subtus rotundatus. Apertura verticalis, oblique subovalis; perist. incrassatum, mediocriter expansum, duplex, margine columellari verticali, angulo aperto subtus desinente, basali rotundato, plica columellari mediocri, callo parietali expanso. — Long. $2^1/_3$, diam. $1^1/_6$ mill. Apert. cum perist. 1 mill. longa, intus $^2/_3$ lata.“ (Bl.)

Diplommatina Austeni W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 5. t. 3. f. 2.

Habitat in montibus Khasi (W. Theobald et H. Godwin-Austen).

16. D. oligopleuris Blanford. †

„Testa dextrorsa, non rimata, conico-ovata, costis distantibus obliquis ornata, fulvescenti-albida. Spira conica, apice obtuso, sutura impressa. Anfr. 6, rotundati, antepenultimus major, tumidiusculus, ultimus antice ascendens, subtus rotundatus. Apertura verticalis, late auricularis, plica columellari valida munita; perist. rectum, duplex, internum antice porrectum, expansulum, externum late expansum, margine columellari verticali, callo parietali mediocri. — Long. 2, diam. vix $1^1/_4$ mill. Apert. cum perist. $^3/_4$ mill. longa.“ (Bl.)

Diplommatina oligopleuris W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 6. t. 3. f. 4.

— — *Theob. & Stol.* in Journ. As. Soc. XLI. 1872. Pt. 2. p. 330.

Habitat Teria Ghát ad latus meridionale montium Khasi (Godwin-Austen), Kumah hill Arakan.

17. D. concinna H. Adams. †

„D. testa dextrorsa, non rimata, ovato-fusiformi, tenui, costulis tenuibus, distantibus sculpta, pallide cornea; spira subconica, apice obtuso, sutura impressa; anfr. 6, convexis, antepenultimo paulum tumidiore, ultimo ascendente; apertura subverticali, rotundo-lunari, plica columellari valida, conspicua; perist. duplici, interno vix elevato, externo expanso, subreflexo,

angulo subtus producto, margine columellari sinuato, angulo subtus desinente; callo parietali tenui, mediocriter expanso. — Long. 3, diam. $1^1/_2$ mill.“ (A.)

Diplommatina concinna H. Adams in Proc. Zool. Soc. 1872. p. 13. t. 3. f. 22.
— — *Issel* Moll. Born. p. 77.

Habitat in insula Borneo.

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18. D. nana Blanford. †

„Testa dextrorsa, non rimata, subovata, solidula, succinea, costulis filiformibus tenuissimis in anfr. inferioribus confertim, in superioribus minus dense sculpta, vel undique subdistanter costulata. Spira conica, lateribus superne vix convexis, apice obtusulo, interdum rubescente, sutura impressa. Anfr. 6—$6^1/_2$, rotundati, antepenultimus maximus, ultimus fortiter in penultimum ascendens. Apertura verticalis, auriformis, fere circularis, margine columellari breviter stricto et verticali, dente interno munito. Peristoma duplex, utroque limbo expanso et appresso, interno callum tenuem in anfr. penultimo formante. — Long. $2^1/_4$, diam. 1 mill. Apert. cum perist. circa $^2/_3$ mill. diam.“ (B. angl.)

Diplommatina nana W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 21; IX. 1868. t. 4. f. 4.
— — *Theob. & Stol.* in Journ. As. Soc. XLI. 1872. p. 331.

Habitat Akoutoung etc., Pegu; Moulmein.

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19. minor (Paxillus) H. Adams. (Coll. 3.) II. 11. III. 10. — Habitat?

20. D. puppensis Blanford. †

„Testa dextrorsa, non rimata, elongato-subovata, tenuis, translucens, laete succinea, minutissime et dense costulata; spira lateribus convexis, apice acuto, non acuminato, sutura impressa. Anfr. 7, antepenultimus maximus, ultimus fortiter in penultimum ascendens. Apertura verticalis, fere circularis, margine columellari stricto cum angulo obtuso ad basin et dente parvulo intus instructo. Peristoma duplex, aurantiacum, limbo utroque expanso, interno callum tenuem in anfr. penultimo formante. — Operculum tenue, corneum, album, circulare, planum, structura spirali non distinguenda. — Alt. $3^1/_2$, diam. 2, diam. apert. 1 mill.“ (B. angl.)

Diplommatina Puppensis W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 6; IX. 1868. (Journ. As. Soc. XXXVII. Pt. 2.) t. 4. f. 2.

— *Puppensis Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. 1864. (*Pfr.* III. p. 11.)

Habitat „Puppa Hill“ in Birmania superiore.

21. D. Sherfaiensis Austen. †

„Testa dextrorsa, ovata, fusiformis, subrimata, tenuis, rubescenti-straminea, diaphana; sculptura subtilissima, densa, filiformis, in omnibus anfractibus bene conspicua; spira lateribus leviter convexis, apice subacuminato, conico; anfr. 6, convexi, antepenultimus et penultimus fere aequales, hic vix major et magis tumidus; ultimus antice supra aperturam constrictus, ascendens; apertura subverticalis, margine columellari bene rotundato, dente minuto (in nonnullis speciminibus adultis vix conspicuo); perist. tenue, duplex, externum levissime expansum, internum distincte expansum, continuum, callum parietalem tenuem ac latum formans. — Altit. 3, diam. $1^3/_4$, diam. apert. $^3/_4$ mill.“ (A. angl.)

Diplommatina Sherfaiensis Godwin-Aust. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 3. t. 1. f. 3.

Habitat in cacuminibus Sherfaisip et Marangksi, circa 5500′ alt. montium Cachar septentrionalium.

Obs. Species forma et statura *D. Puppensi* similis.

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22. sperata Bens. † III. 10. — *Blanf.* l. c. 1868. t. 4. f. 1. — Burmania.

23. D. carneola Stoliczka. †

„D. testa ovato-elongata, turrita, vix rimata, carnea seu carneo-luteola; anfractibus 7, valde convexis, suturis profundis junctis, primis 2 laevigatis, luteis, ceteris costulis obliquis, modice distantibus, ornatis, penultimo maximo inflato, ad terminationem valde constricto, ultimo minore, ad basin rotundato; apertura rotundata, marginibus paulo dilatatis et incrassatis, ad anfractum penultimum conspicuiter ascendentibus, intus laevigatis; labio adnato, paulo expanso, labro duplici, extus prope marginem costa tenui et acuta instructo, columella fere recta, infra dente unico instructa, ad basin vix angulata. — Diam. anfr. ult. 1,2; alt. tot. testae 2,6; apert. alt. 0,8, diam. 0,8 mill.“ (St.)

Diplommatina carneola Stol. in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 152. t. 6. f. 3.

Habitat Damotha prope Moulmein.

Obs. „Affinis *D. Puppensi Blanf.*; differt statura minore, anfractibus convexioribus et distantius costulatis, apertura ad basin columellae rotundata, nec angulata. — Oculi magni in latere basali tentaculorum siti; operculum corneum, tenuissimum, concentrice multispiratum."

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24. exilis Blanf. (Coll. 4.) III. 10. — *Blanf.* Contr. to Ind. Malac. Nr. 4. 1863. p. 7; 1868. l. c. t. 4. f. 3. — *Theob. & Stoliczka* in Journ. As. Soc. XLI. 1872. p. 331. — *Pätel* Cat. p. 118. — Burmania.

25. D. minuta H. Adams. †

„D. testa dextrorsa, rimata, fusiformi-ovata, costulis debilibus confertis obliquis sculpta, pallide rufo-fusca; spira elongata, apice obtusiusculo; anfr. 7, convexis, antepenultimo tumidiore, ultimo antice paulum ascendente; apertura verticali, truncato-rotundata, plica columellari conspicua; perist. duplici, interno porrecto, expansiusculo, externo subreflexo, marginibus callo expanso junctis, columellari sinuato, basi angulato. — Long. 2, diam. $1^3/_4$ mill." (A.)

Diplommatina minuta H. Adams in Proc. Zool. Soc. 1868. p. 16. t. 4. f. 15.

Habitat . . . ?

26. D. parvula Austen. †

„Testa dextrorsa, ovata, tumida, depressa, tenuis, laete cornea (in nonnullis speciminibus pallida), translucens, undique subtiliter sed acute costulata; spira ovata, apice obtuso, planato; anfr. 5, lateribus perconcavis, ab apice rapide accrescentes, antepenultimus maximus, ultimus prope peristoma leviter ascendens; sutura profunde impressa; apertura leviter oblique circularis, margine columellari rotundato, dente solito destituto; perist. validum, bene evolutum, duplex, externum et internum expansa, externum valde expansum, internum callum parietalem crassum formans. — Altit. $1^1/_2$, diam. 1 mill." (A. angl.)

Diplommatina parvula Godwin-Austen in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 1. t. 1. f. 5.

Habitat Moyong montium Khasia.

27. D. depressa Austen. †

„Testa dextrorsa, non rimata, ovata, depressa, laete succinea, apice rubescenti-tincta; costulatio undique densa, acute

distincta, in anfractu ultimo distantior; spira conoidea, apice obtusa; sutura profunde impressa; anfr. 5, lateribus perconvexis, antepenultimus maximus et tumidus, ultimus in penultimum fere ad suturam ascendens, latitudinem hujus valde contrahens; apertura verticalis, late auriculata; perist. solidum, duplex, externum crassum, validum, interruptum; internum continuum, sursum latere sinistro in callum parietalem late appressum expansum; dens columellaris magnus crassusque; basis prominens, descendens. — Altit. $1^1/_2$, diam. $^3/_4$, diam. apert. $^1/_3$ mill.“ (A. angl.)

Diplommatina depressa Godwin-Aust. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 2. t. 1. f. 2.

Habitat „Jaintia Hills“ montium Khasia.

28. D. angulata Theobald & Stoliczka. †

„D. testa ovato-elongata, dextrorsa, vix rimata, sordide alba, anfractu penultimo latissimo, apice obtusiusculo, pallide rubido, submammillato; anfractibus 6, primis duobus laevigatis, caeteris valde convexis, ad peripheriam plus minusve distincte angulatis, transversim confertissime costellatis aut acute striatis; ultimo basi contracto; sutura profunda, simplice; apertura late circulari, peristomate undique expanso, bilabiato, interno subrecto, ad marginem columellarem dente obliquo instructo, externo ad anfractum penultimum constrictum modice ascendente. — Long. 2, lat. maxima 0,8, diam. apert. 0,6 mill.“ (Th. & St.)

Diplommatina angulata Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 331. t. 11. f. 3.

Habitat prope Moulmain, provincia Martaban.

29. D. Richthofeni Theobald & Stoliczka. †

„Dipl. testa ovate elongata, turrita, dextrorsa, albida, rimata; spira conoidea; anfractibus 7, convexis, ad medium subangulatis, sutura simplici junctis, penultimo ultimo latiore: primis duobus apicem formantibus laevigatis, caeteris transversim conferte costellatis, ultimo basi convexo, angustato, supra ad anfr. penultimum ascendente; apertura parva, circulari, peristomate duplici: interno tubuliforme modice producto atque dilatato; labio ad basin dente obliquo et magno instructo. — Long. 2,5, lat. max. 0,8, diam. apert. 0,5 mill.“ (Th. & St.)

Diplommatina Richthofeni Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 331. t. 11. f. 4.

Habitat prope Moulmain.

Obs. „Species rarissima, *D. angulatae* proxime affinis; differt testa graciliore, apice non mamillata, anfractibus minus distincte angulatis, costulis paulo distantioribus et apertura minore."

§. 2.

30. chordata Pfr. II. 12. III. 11. — Nova Seelandia, var. Nov. Hebrid.
31. Bensoni A. Adams. (Coll. 5.) II. 12. III. 11. — *Cox* Mon. Austr. landsh. p. 96. t. 16. f. 1. 1 a. b. — Australia.
32. Australiae Bens. II. 13. III. 11. — *Cox* Mon. Austr. landsh. p. 96. t. 17. f. 7. 7 a. b. — *Pätel* Cat. p. 118. — Australia.
33. Cantori Pfr. II. 13. III. 11. — Nov. Hebrid.

34. D. insignis Austen. †

„Testa sinistrorsa, acuminato-ovata, cornea vel rubra; costulatio densa et fortis in anfractibus superioribus, obsoleta in duobus ultimis; spira acuminatiuscula; anfr. 8, inferiores rotundati, summi lateribus plani, penultimus maximus, constrictione in fronte posita et callo parietali obtecta; sutura impressa; apertura verticalis, ovalis; perist. duplex, externum valde incrassatum, internum continuum; callus validus; margo columellaris rotundatus, processu dentiformi mediocri. — Operculum tenue, spirale. — Altit. 0,27, diam. 0,13, diam. apert. c. perist. 0,10 poll." (A. angl.)

Diplommatina insignis Godwin-Aust. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 6. t. 2. f. 1.

Habitat in montibus Khasia.

35. D. gibbosa Blanford. †

„Testa sinistrorsa, vix subrimata, gibboso-ovata, tumida, succinea, laevigata, parum nitida, tenuiuscula. Spira supra conoidea, sutura valde impressa, apice obtusiusculo. Anfr. 5, antepenultimus major, ventricosus, ultimus subtus rotundatus, alte ascendens. Apertura obliqua subelliptica, plica columellari valida obliqua munita, infra plicam excavata; peristoma leviter sinuatum, expansum, duplex, externum retro relictum, internum continuum, patens, callo parietali lato, suturam fere attingente. — Long. 3, diam. $1^1/_2$ mill. Apert. c. perist. $1^1/_2$ mill. longa, intus vix 1 lata." (Bl.)

Diplommatina gibbosa W. T. Blanf. Contrib. to Ind. Malac. IX. 1868. p. 4. t. 2. f. 4.

Habitat Habiang in montibus Garo (Godwin-Austen).

36. D. Jaintiaca Austen. †

„Testa sinistrorsa, elongato-ovata, tumidiuscula, subrimata, lucide succinea, solidula, acute, valde regulariter et distanter costulata; spira conica, subconvexa; anfr. 5, lateribus convexis, sutura profunda, penultimus maximus, ultimus in fronte aperturae fortiter constrictus, pone peristoma leviter ascendens, praesertim inter peristoma internum et externum; apertura parum obliqua, subcircularis; perist. duplex, internum leviter expansum, vix incrassatum, ad basin columellae sinuatim terminatum; externum valde productum, expansum, continuum; callus parietalis tenuis, modice extensus; dens columellaris obtusus, mediocris. — Altit. $2^2/_3$, diam. $1^1/_2$, diam. apert. c. perist. $^2/_3$ mill.“ (A. angl.)

Diplommatina nov. sp. in Journ. As. Soc. XXXVII. Pt. 2. t. 3. f. 3.
— *Jaintiaca Godwin-Aust.* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 4.

Habitat prope Jawai „Jaintia Hills“ montium Khasia.

Obs. Proxime affinis *D. gibbosae Blanf.*

37. D. scalaroidea Theobald. †

„Testa ovato-turrita, sinistrorsa, albida, solidula, non rimata, apice subobtusa; anfractibus 7, convexis, sutura profunda junctis, antepenultimo latissimo, penultimo supra aperturam sensim constricto; anfr. primis duobus ad apicem laevigatis, ceteris costulis transversis, subobliquis, distantibus, filiformibus ornatis, interspatiis politis; apertura late ovato-rotundata, labio lateraliter incrassato, supra producto, adnato, medio tenuissimo; columella plica valida et infra eam incisione profunda instructa; labro duplici, incrassato, paulo dilatato, intus laevi, extra paulo reflexiusculo, prope medium insinuato. — Alt. testae 0,2, lat. max. 0,1; alt. apert. 0,07, lat. circa 0,06 unc.“ (Th.)

Diplommatina scalaroidea Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 399. t. 18. f. 5.

Habitat Mandalay regni Burmanici.

Obs. „Species aliquantulum affinis *D. Jaintiacae Aust.*, sed forma magis turrita et incisione profunda infra plicam columellarem facile distinguenda.“

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38. Huttoni Pfr. (Coll. 6.) II. 13. III. 11. — *Blanf.* 1868. l. c. t. 2. f. 3. — *Guppy* in Ann. and Mag. n. h. 3d. ser. XX. 1867. p. 95: ins. Trinidad Indiae occidentalis. Conf. *Bland* ibid. 4th. ser. 1868. p. 10. — India.

39. D. Mariei Crosse.

„T. sinistrorsa, non rimata, oblongo-ovata, tenuis, subdiaphana, olivaceo-cornea; spira turgidula; anfr. 6 convexi, superi 2 sublaeves, sequentes obsolete et suboblique capillaceostriati, ultimus antice ascendens, basi rotundatus; apertura verticalis, subcircularis; perist. duplex: internum subcontinuum, breviter adnatum, externum utrinque expansum, patens, luteolum. — Operc.? — Long. 2, diam. maj. $^3/_4$ mill.; apert. $^1/_2$ mill. lata, vix $^1/_2$ longa". (Cr. — Coll. Nr. 7.)

β. Pallide carneo-albida, perist. minus distincte continuo, albido.

Diplommatina Mariei Crosse in Journ. Conch. XV. 1867. p. 179. t. 7. f. 6.
— — *Gassies* Faune Nouv. Caléd. II. 1871. p. 125. t. 7. f. 7 (non 8).

Habitat Noumea Novae Caledoniae (E. Marie).

40. D. pomatiaeformis Mousson. †

„T. sinistrorsa, breviter rimata, inflato-turriculata, costulatostriata, cinerea. Spira conico-acuminata; summo prominulo, obtusulo; sutura profunda. Anfr. $6^1/_2$ cylindracei; primi laevigati; sequentes crebre striato-costulati; penultimus subinflatus; ultimus diminutus, late costulatus, paulo ascendens, infra rotundatus. Apert. verticalis, circularis, pallide flavida. Perist. reflexiusculum, duplicatum, incrassatum, fere integrum; marginibus approximatis, lamina brevi crassa, non expansa junctis. — Long. 5,2, diam. 2,5 mill. — Rat. anfr. 5:1. — Rat. apert. 1:1." (M.)

Diplommatina pomatiaeformis (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 180. t. 8. f. 2.

Habitat Viti-Levu insularum Feejee (Gräffe).

41. D. subregularis Mousson. †

„T. sinistrorsa, rimata, breviter conico-turrita, striatula, remote sed acute costulata, flavide cornea. Spira subregularis; summo obtusulo, non prominente; sutura profunda. Anfr. 7, convexi; superi regulares; penultimus major, subinflatus; ultimus gracilior, celeriter ascendens. Apert. subverticalis (5° cum axi), medium anfr. penultimi superans, tangentialis, quadrato-circularis, supra patula. Perist. subexpansum, crassiusculum, subduplicatum; marginibus angulatim convergentibus, lamina callosa, adnata, subexpansa junctis; antrorsum

undulatis, ad basin paulo productis. — Long. 3,1, diam. 1,4 mill. — Rat. anfr. 6:1. — Rat. apert. 5:4." (M.)

Diplommatina subregularis (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 181. t. 8. f. 3.

Habitat Nagara prope Viti-Levu insularum Feejee (Gräffe).

42. D. Godeffroyana Mousson. †

„T. sinistrorsa, leviter rimata, ovata, medio inflata, lamellis acutis, tenuibus, saepe geminatis ornata, corneo-albescens. Spira conica, subregularis; nucleolo granuliformi; sutura profunda. Anfr. 6 rotundati; primi laevigati, sequentes subinflati, inaequaliter lamellosi; penultimus in ventre subcontractus, ad latera tumidulus; ultimus attenuatus, rotundatus, ad rimam appressus, ad medium anfr. penultimi ascendens. Apert. subverticalis (5^0 cum axi), intus circularis, subangusta, extus irregulariter subpatula, tangentialis. Perist. acutum, breviter expansum, extus duplicatum; marginibus angulatim approximatis, lamina callosa breviter appressa vel subsoluta junctis; basali arcuatim subproducto. — Long. 3,7, diam. 1,7 mill. — Rat. anfr. 5:1. — Rat. apert. 1:1.

β. Latecostata: paulo gracilior, costulis remotis; anfr. ultimo minus irregulari.

γ. Fracta: regulariter et fortiter plicato-costulata, anfractu penultimo in ventre ad dextram ruga acuta, variciformi munito." (M.)

Diplommatina Godeffroyana (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 182. t. 8. f. 4.
— — *Pätel* Catal. p. 118.
— — *Schmeltz* Mus. God. Cat. V. p. 102.

Habitat in insulis Nagara et Ovalau, varr. Viti-Levu (Gräffe).

43. D. ascendens Mousson. †

„T. sinistrorsa, longe rimata, acute ovata, lamelloso-costulata, carneo-albescens. Spira convexo-conica; summo obtusulo, graniformi; sutura subprofunda. Anfr. $5^1/_2$, celeriter accrescentes, convexi; nucleolares laevigati; sequentes ventrosi, lamelliferi; penultimus in ventre retractus et compressus, tenuiter costulatus, lateraliter ruga transversa praeditus; ultimus attenuatus, lente et valde usque ad suturam anfr. tertii fere ascendens, ad rimam paulo impressus. Apert. tangentialis, sursum versa (10^0 cum axi), transverse perobliqua, subpatula, intus et extus obtuse quadrata. Perist. subexpansum, antice

duplicatim incrassatum; marginibus convergentibus, lamina sinistrorsa junctis; columellari et externo supra antrorsum productis, infra sinuatis. Columella obtuse nodulata, interdum lamina producta circumdata. — Long. 3,8, diam. 2,2 mill. — Rat. anfr. 5:1. — Rat. apert. 5:4." (M.)

Diplommatina ascendens (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 184. t. 8. f. 5.

Habitat Viti-Levu insularum Feejee (Gräffe).

44. D. tuberosa Mousson. †

„T. sinistrorsa, leviter rimata, tenuiuscula, ovato-elongata, costulis lamellosis, raris, saepe detritis, ornata, pallide cornea. Spira ovato-elongata; summo parvulo, graniformi; sutura profunda. Anfr. 6 subcylindracei; primi laevigati; sequentes remote costulati; penultimus in ventre retractus et compressus, lateraliter abrupte ruga inflata, tuberosa insigniter praeditus; ultimus brevis, attenuatus, vix subascendens. Apert. verticalis, intus subcircularis, extus irregulariter subpatula. Perist. reflexiusculum, multiplex, intus labiatim subangustatum; marginibus convergentibus, lamina tenui non ascendente junctis, utrinque ad insertionem productis, deinde sinuatim retractis. — Long. 3,3, diam. 1,9 mill. — Rat. anfr. 5:1. — Rat. apert. 1:1." (M.)

Diplommatina tuberosa (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 185.
— — *Pätel* Catal. p. 118.
— — *Schmeltz* in Mus. God. Cat. V. p. 102.

Habitat Viti-Levu insularum Feejee (Gräffe).

45. D. quadrata Mousson. †

„T. sinistrorsa, oblique lineatim rimata, ovata, confertim costulato-striata, pallide flavula. Spira convexo-conica; summo minuto, obtusulo; sutura vix profunda. Anfr. 5, celeriter accrescentes, convexi; primi laevigati; sequentes striati; tertius subinflatus, in ventre retractus; ultimus fortiter ascendens, attenuatus, infra utrinque compressiusculus, cervice subangulata. Apert. verticalis, tangentialis, intus anguste elliptica, extus magna, subpatula, oblique et obtuse quadrata. Perist. expansum, vix incrassatum; marginibus lamina breviter soluta junctis, lateralibus super medium anfractus penultimi insertis, hic expansiusculis, antrorsum irregulariter undulatis. — Long. 4,6, diam. 2,9 mill. — Rat. apert. 1:1." (M.)

Diplommatina quadrata (Diancta) Mouss. in Journ. Conch. XVIII. 1870. p. 187. t. 8. f. 1.

Habitat Viti-Levu insularum Feejee (Gräffe).

46. D. Wisemani Cox. †

„Testa sinistralis, calloso-rimata, elongato-ovalis, pupiformis, laete fulva; apex acutus; anfr. 5, oblique, dense, regulariter et subtiliter costulati, tertius et quartus rapide tumido-dilatati, ultimus contractus et subascendens; apertura subcircularis; peristoma valde expansum, crassum, nitidum, porcellaneum, marginibus callo crasso, expanso junctis. — Lat. 0,05, alt. 0,11 poll.“ (C. angl.)

Diplommatina Wisemani (Brazier) Cox in Proc. Zool. Soc. 1870. p. 84.

Habitat Wanga, San Christoval insularum Salomonis (Brazier).

47. D. Brazieri Cox. †

„Testa rimata, cylindrico-acuminata, subalbida („*of a dull white colour*“); spira acuta; anfr. $6^1/_2$, regulariter accrescentes, costis rectis, subprominentibus, remotis sculpti, ultimus contractus et ascendens; apertura ovato-circularis; perist. crassum, callosum, nitidum, marginibus callo crasso cum apertura continuo formatis. — Lat. 0,04, alt. 0,08 poll.“ (C. angl.)

Diplommatina Brazieri Cox in Proc. Zool. Soc. 1870. p. 84.

Habitat Wanga, San Christoval insularum Salomonis (Brazier).

Obs. An forte speciebus dextrorsis adnumeranda?

48. D. Salwiniana Theobald. †

„Testa sinistrorsa, ovate turrita, non rimata, pallidissime flavescente; sutura impressa; anfractibus $7^1/_2$, convexis, regulariter crescentibus, transversim distincte striatis, striis in ultimo anfractu magis distantibus; apertura rotundate ovata, margine columellari recto, dente parvo submediano instructo, margine externo uniforme curvato, tenuiter calloso. — Long. 0,20, lat. 0,10 unc.“ (T.)

Diplommatina Salwiniana Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 398.

Habitat in valle „Upper Salwin“, Shan States (Fedden).

49. D. pupaeformis Theobald. †

„Testa sinistrorsa, oblongo-ovali, non rimata, pallidissime cornea; sutura impressa; anfract. 7, regulariter crescentibus,

transversaliter confertim striatis; apertura subcirculari, margine columellari brevi, recto, dente columellari modico instructo, labro duplici, margine externo expanso. — Long. 0,16, lat. 0,08 unc." (T.)

Diplommatina pupaeformis Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 398.

Habitat „Shan States" (Fedden).

§. 3.

50. constricta Martens. † III. 11. — *Martens* Ostas. Zool. II. p. 164. t. 4. f. 15. — Ins. Ternate Moluccarum.

51. **D. Martensi H. Adams.**

„D. testa sinistrorsa, rimata, pupiformi, gibbosa, tenui, flavida, subremote minutissime striolata; spira conica, sutura impressa, apice obtusiusculo; anfr. 6, convexis, penultimo angustiore, ultimo ad penultimum ascendente; apertura subverticali, plica columellari obsoleta; perist. duplici, expanso; callo parietali crasso, late expanso, appresso. — Long. $3^1/_3$, diam. 2 mill." (A. — Coll. Nr. 8.)

„β. *Macrostoma:* minor, minus ventricosa, peristomate breviter soluto; long. 2,6, diam. maj. 1,7 mill." (M). — *D. macrostoma Mouss.* in *Pätel* Catal. p. 118 et Mus. God. cat. IV.

Diplommatina Martensi (Diancta) *H. Adams* in Proc. Zool. Soc. 1866. p. 446. t. 38. f. 11.
— — — *Mouss.* in Journ. Conch. XVIII. 1870. p. 186.
— — *Mouss.* in Mus. Godeffr. cat. V. p. 102.
— *paradoxa Crosse* in Journ. Conch. XV. 1867. p. 449 *). Conf. Journ. Conch. XVI. 1868. p. 100.
— *distorta Mouss.* in *Pätel* Catal. p. 118 et in Mus. Godeffr. cat. IV.

Habitat in insula Avolau Archipelagi Viti (Brazier in Proc. Zool. Soc. 1869. p. 560; Journ. Conch. XVIII. p. 84), var. Viti-Levu (Gräffe).

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*) T. sinistrorsa, subrimata, irregulariter ovato-conica, pellucida, tenuissime et oblique striatula, pallide luteo-cornea; spira oblongo-conica, apice obtusulo; sutura impressa; anfr. $5^1/_2$, convexi, subglobosi, embryonales $1^1/_2$ laeves, antepenultimus et penultimus inflati, ultimus angustior, devius, usque ad antepenultimum ascendens, et penultimi partem obtegens, valide costulato-striatus; apertura fere verticalis, rotundata, intus nitidula; perist. continuum, plica parietali (in adultis speciminibus) munitum, subduplicato-expansum, reflexum, citrino-luteum. — Long. 3, diam. maj. $1^1/_2$ mill. Apert. diam. 1 mill. — Oceania?"

52. D. Perroquini Crosse. †

„T. sinistrorsa, vix subrimata, breviter turriculata, subinflata, tenuiuscula vel solidula, oblique striatula, pallide fulva; spira conica, apice rotundato, obtusulo, laevi; sutura valide impressa; anfr. 6 convexiusculi, primi 2 laeves, violaceo-fulvidi, sequentes striis obliquis, subdistantibus, tenuibus, vix flexuosis impressi, penultimus subinflatus, ultimus fere usque ad anfractum antepenultimum ascendens, penultimo minor, striis fere omnino destitutus, basi rotundatus; apertura subverticalis, rotundata, aurantio-fulvida; perist. reflexum, subduplicatum, marginibus approximatis, aurantio-fulvidum. — Operc.? — Long. $3^1/_2$, diam. maj. $1^3/_4$ mill. Apert. $1^1/_4$ mill. longa, $1^1/_4$ lata.“ (C.)

β. Ventricosa (sed spira semper conica), paulo brevior; long. $3^1/_4$, diam. $1^3/_4$ mill.; apert. $1^1/_4$ mill. longa et lata.

Diplommatina Perroquini Crosse in Journ. Conch. XIX. 1871. p. 204; XXI. 1873. p. 44. t. 1. f. 6; XXII. 1874. p. 110. 394. (var. *β.*)

Habitat in Nova Caledonia (Perroquin), var. *β* Baie du Sud (E. Marie).

Obs. „Species ad sectionem *Dianctam Cl. Martensii* pertinens.“

53. D. Montrouzieri Crosse. †

„T. sinistrorsa, vix obtecte subrimata, subcylindraceo-ventricosa, inflata, tenuiuscula, striis subdistantibus, subobliquis impressa, fulvida; spira cylindraceo-conica, apice rotundato, obtusulo; sutura impressa; anfr. 6 valde convexi, inflati, primi 2 laevigati, sequentes suboblique et longitudinaliter striati, ultimus striis magis distantibus sculptus, vix ascendens, penultimo minor, basi rotundatus; apertura subverticalis, parvula, rotundata, fulvida, concolor; peristoma breviter reflexum, subduplicatum, vix continuum, adnatum, fulvidum. — Long. $2^1/_4$, diam. maj. $1^1/_4$ mill. Apert. vix 1 mill. longa, vix 1 lata.

β. Isabellino-carnea, concolor, paulo major; long. $2^1/_2$, diam. $1^1/_2$ mill. Apert. vix 1 mill. longa, vix 1 lata.“ (C.)

Diplommatina Montrouzieri Crosse in Journ. Conch. XXII. 1874. p. 110. 394. t. 12. f. 8.

Habitat in loco „Baie du Sud“ dicto Novae Caledoniae (E. Marie).

Obs. „Species *D. Perroquini Cr.* vicina, sed minor, inflata, ventricosa, minus conica, subcylindracea, apertura parvula et peristomate multo minus expanso, breviter reflexo, distinguenda.“

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Subgenus **Nicida W. T. Blanford**

in Journ. Conch. XVI. 1868. p. 330; Contrib. to Ind. Malac. Nr. 9. 1868. p. 6: subgenus Diplommatinae*).

§. 4.

54. **D. liricincta Blanford.** †

„Testa brevissime rimata, conoideo-ovata, tenuis, pallide cornea, glabra, nitida, spiraliter lirata. Spira conoidea, lateribus convexis, apice obtuso, sutura valde impressa. Anfr. $5^1/_2$ convexi, primi 2 laevigati, tertius carinis duabus circumdatus, penultimus majusculus carina tertia subtus vix apparente, ultimus angustior, non ascendens, liris circa 6 distantibus circumdatus, earum 3 basalibus interdum sed raro deficientibus, basi rotundatus. Apertura parum obliqua, circularis; peristoma simplex, parum incrassatum, expansiusculum, vix interruptum. — Operc. parvum, tenue, corneum, structura spirali obsoleta. — Long. $2^1/_3$, diam. $1^1/_4$; apert. diam. intus $^2/_3$ mill." (B.)

Diplommatina liricincta (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 336. t. 14. f. 5.

— — *Pätel* Catal. p. 118.

Habitat ad Khandalla inter Bombay et Poona.

§. 5.

55. **D. Nilgirica W. & H. Blanford.** †

„Testa vix rimata, subcylindrico-ovata, glabra, tenuis, nitida, pallide cornea. Spira lateribus convexiusculis, apice obtuso, sutura impressa. Anfr. 6 convexi, primi 4 gradatim crescentes, ultimus vix angustior, antice parum ascendens, carina costiformi basali munitus. Apertura subverticalis, circularis; peristoma duplex, externum breviter expansum, internum mediocriter porrectum, expansiusculum, continuum. — Long. $2^3/_4$—3, diam. $1^1/_4$; apert. diam. $^3/_4$ mill." (B. 1868.)

Diplommatina Nilgirica W. & H. Blanf. in Journ. As. Soc. Beng. XXIX. p. 124.

— — (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 332. t. 14. f. 1.

Arinia Nilgirica Pfr. Mon. Pneum. Suppl. II. p. 91.

Habitat in montibus Nilgiri.

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*) „Testa ovata, imperforata, sculptura verticali denteque columellari omnino carens, glabra vel spiraliter lirata, nitidula. — Operculum corneum, subobsolete multispirum. — Typus: *Diplommatina Nilgirica W. & H. Blanf.*"

56. D. Kingiana W. & H. Blanford. †

„Testa breviter rimata, ovata, glabra, cornea, nitidula. Spira conoidea, lateribus convexis, apice perobtuso, sutura impressa. Anfr. $5^1/_2$ convexi, primi 4 regulariter crescentes, ultimus angustior, antice ascendens, subtus rotundatus. Apertura fere verticalis, circularis; peristoma subduplex, incrassato-expansiusculum. — Long. vix 2, diam. vix 1; apert. diam. $^2/_3$ mill.“ (B. 1868.)

Diplommatina Kingiana W. & H. Blanf. in Journ. As. Soc. Beng. 1861. XXXI.
— — (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 333.
Arinia Kingiana Pfr. Mon. Pneum. Suppl. II. p. 91.

Habitat in montibus Kolamullies.

57. D. Pulneyana W. T. Blanford. †

„Testa brevissime rimata, subperforata, elongato-ovata, tenuis, pallide cornea, nitidula, glabra, sub lente minutissime striis obliquis, aliisque subobsoletis spiralibus decussata. Spira lateribus convexis, apice perobtuso, sutura profunda. Anfr. 6 valde convexi, ultimus et penultimus subaequales, ille non ascendens, ad basin rotundatus. Apertura obliqua, fere diagonalis, circularis; peristoma vix incrassatum, simplex, rectum, breviter adnatum. — Long. vix $2^1/_2$, diam. 1; apert. diam. $^1/_2$ mill.“ (B.)

Diplommatina Pulneyana (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 333. t. 14. f. 2.

Habitat in summis montibus „Pulney“ dictis Indiae meridionalis (S. Fairbank).

58. D. nitidula W. T. Blanford. †

„Testa subrimata, conico-ovata, glabra, nitidula, subobsolete minutissime oblique striatula, tenuis, pallido-corneo. Spira conoidea, lateribus parum convexis, apice obtuso, sutura leviter impressa. Anfr. 6 convexiusculi, penultimus maximus, ultimus angustior, antice ascendens, carina mediocri basali instructus, infra carinam juxta rimam parvulam valde compressus. Apertura vix obliqua, circularis; peristoma expansiusculum, breviter interruptum, subduplex vel duplex, margine externo superne antice arcuato. — Long. $2^1/_2$, diam. $1^1/_3$; apert. diam. intus $^3/_4$ mill.“ (B.)

Diplommatina nitidula (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 334. t. 14. f. 3.

Habitat in regione Wynaad ad latus septentrionale montium Nilghiri (Beddome).

59. D. Fairbanki W. T. Blanford. †

„Testa non rimata, elongate conico-ovata, glabra, tenuis, pallido-cornea. Spira conica, lateribus subrectis, apice obtuso, sutura impressa. Anfr. $7^1/_2$ convexi, primi 5 gradatim crescentes, caeteri subaequales, ultimus vix angustior, antice valde ascendens, carina basali munitus. Apertura parum obliqua, subcircularis, sinuata; peristoma obtusum, simplex. — Long. $3^3/_4$, diam. $1^2/_3$; apert. diam. intus 1 mill." (B.)

Diplommatina Fairbanki (Nicida) *W. T. Blanf.* in Journ. Conch. XVI. 1868. p. 335. t. 14. f. 4.

Habitat rarissima in montibus Pulney dictis Indiae meridionalis (S. Fairbank).

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Subgenus Arinia H. & A. Adams.

Pfr. Mon. Pneum. III. p. 90. — Conf. *O. Semper* in Journ. Conch. XIII. 1865. p. 291, *Crosse* ibid. XIV. 1866. p. 351 et *Blanford* ibid. XVI. 1868. p. 331. — *Pätel* Catal. 1873. p. 16. 118: genus Diplommatinaceorum.

§. 6.

60. Sowerbyi Pfr. (Coll. 9.) I. 121 (Diplommatina?). II. 10. III. 90 (Arinia). — *Cyclostoma minus Sow.* — *Diplommatina* (Arinia) *minor H. & A. Adams.* — *Arinia minor Semper* in Journ. Conch. XIII. 1865. p. 293. — Ins. Philippin.

61. scalatella (Arinia) Dohrn. † III. 90 (Arinia). — *Crosse* in Journ. Conch. XIV. 1866. p. 352. t. 10. f. 8. — Ins. Luzon.

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Subgenus Palaina O. Semper

Journ. Conch. XIII. 1865. p. 292: genus Diplommatinaceorum *). Conf. *Crosse* ibid. XIV. 1866. p. 347. — *Stoliczka*

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*) Descriptionem specierum novarum Semperianarum hucusque frustra exspectavimus.

in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 154: subgenus Diplommatinae. — *Pease* in Proc. Zool. Soc. 1871. p. 465. — *Pätel* Catal 1873. p. 16. 118: genus Diplommatinaceorum. — *Pupoidea* (novum genus) *Pease* in Amer. journ. conch. II. 1866. p. 82.

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§. 7.

62. alata (Palaina) O. Semper. (Coll. 10.) *O. Semp.* l. c. p. 292, *Crosse* l. c. p. 348. t. 10. f. 1. — *Pätel* Cat. p. 118. — Nermaleh ins. Pelew.
63. lamellata (Palaina) O. Semper. (Coll. 11.) *O. Semp.* l. c. p. 292, *Crosse* p. 348. t. 10. f. 2. — *Pätel* Cat. p. 118. — *Diplommatina lamellata Schmeltz* in Mus. Godeffr. cat. V. p. 102. — Ins. Peleliu.
64. ringens (Palaina) O. Semp. † *O. Semp.* p. 292, *Crosse* p. 348. t. 10. f. 5. — *Pätel* Cat. p. 118. — Peleliu.
65. Macgillivrayi Pfr. (Coll. 12.) II. 11. III. 10. — *Pätel* Cat. p. 118. — *Palaina Macgillivrayi Semp.* l. c. p. 292. — Lord Howe's Island.
66. capillacea Pfr. (Coll. 13.) II. 12. III. 10. — *Pätel* Cat. p. 118. *Palaina capillacea Semp.* p. 292. — Lord Howe's Island.
67. polymorpha (Palaina) O. Semp. (Coll. 14.) *Semp.* l. c. p. 292, *Crosse* p. 349. t. 2. f. 7. — *Pätel* Cat. p. 118. — Peleliu.
68. inflatula (Palaina) O. Semp. (Coll. 15.) *Semp.* p. 292, *Crosse* p. 349. t. 2. f. 8. — *Pätel* Cat. p. 118. — Peleliu.
69. pupa (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 349. t. 2. f. 5. — *Pätel* Cat. p. 118. — Peleliu.
70. dimorpha (Palaina) O. Semp. (Coll. 16.) *Semp.* p. 292, *Crosse* p. 349. t. 10. f. 6. — *Pätel* Cat. p. 118. — Peleliu.
71. Wilsoni (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 349. t. 10. f. 4. — Aibukut Krollop.
72. strigata (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 349. t. 10. f. 7. — *Pätel* Cat. p. 118. — Peleliu.
73. patula (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 349. t. 10. f. 3. — *Pätel* Cat. p. 118. — Peleliu, Nermaleh.
74. Moussoni (Palaina) O. Semp. (Coll. 17.) *Semp.* p. 292, *Crosse* p. 350. t. 5. f. 3. — *Pätel* Cat. p. 118. — Kreiangel.
75. striolata (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 350. t. 2. f. 6. — *Pätel* Cat. p. 118. — Aibukut Krollop.

76. **D. Coxi (Palaina) H. Adams.** †

„P. testa sinistrorsa, subperforata, ovata, costulis compressis, subdistantibus sculpta, albida; spira convexo-conica, apice obtusiusculo, corneo; anfr. 6, convexis, ultimo angustiore, paulum ascendente; apertura subverticali, circulari; perist. duplici, externo valde expanso, breviter interrupto. — Long. 3, diam. 1 mill.“ (A.)

Palaina Coxi H. Adams in Proc. Zool. Soc. 1868. p. 16. t. 4. f. 14.
— — *Brazier* in Proc. Zool. Soc. 1869. p. 560; Journ. Conch. XVIII. 1870. p. 84.

Diplommatina Wisemani Brazier mss. 1865.
— *Coxi Mouss.* in Journ. Conch. XXI. 1873. p. 113.

Habitat in insula Norfolk (Brazier).

77. D. scalariformis (Cyclophorus?) Pease. †

„T. oblongo-ovata, subcylindracea, sinistrorsa, fulva, versus apicem rubella, laevis, compresse umbilicata, longitudinaliter costata, costis 20, vix obliquis; anfr. 6, rotundatis, subventricosis, sutura bene impressa; apertura circularis; perist. continuo, expanso, duplici, posteriore ad anfr. penultimum adnato; sutura umbilicari rimosa, costa circumambiente finita. — Long. $3^1/_2$, diam. $1^1/_2$ mill.“ (P. 1865.) — „Operc. membranaceum, circulare, multispirale; anfr. 4—5, lente accrescentes, sutura lineari; extus nitidum, medio depresso-concavum, anfr. ultimus rotundatus, margine tenui; subtus vix concavum.“ (P. 1871.)

Cyclophorus? scalariformis Harper Pease in *Tryon* Amer. journ. conch. I. 1865. p. 289.
Pupoidea scalariformis Pease ibid. II. 1866. p. 82. t. 5. f. 6.
Palaina scalariformis Pease in Proc. Zool. Soc. 1871. p. 465.

Habitat „Harvey Islands“ Polynesiae.

Obs. Species pro typo generis novi, Vertigini operculato similis, habenda. Operculum membranaceum, circulare, anfractibus 5, nucleo centrali. Apex in nonnullis obtusus, sed in plerisque acutus, 2—3 anfr. supremis reliquis multo minoribus, serius deciduis? (Pease 1866.)

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(An sinistrorsae?)

78. Dohrni (Palaina) O. Semp. † *Semp.* p. 292. — Ins. Palaos.
79. pusilla (Palaina) O. Semp. † *Semp.* p. 292, *Crosse* p. 349. — Peleliu.

§. 8.

80. pyramis (Palaina) O. Semp. (Coll. 18.) *Semp.* p. 292, *Crosse* p. 348. t. 5. f. 2. — *Pätel* Cat. p. 118. — Peleliu.

81. D. crispata Stoliczka. †

„D. testa conoidea, medio latissima, sordide albida, anfractibus 7, primis duobus (rare $1^1/_2$) mammillatis, laevigatis, convexis, sequente convexiusculo, confertim lamellose striato, ceteris medio angulatis, crasse lamellatis, lamellis crebris,

inaequalibus, tenuibus, undulatis et crispatis, ad peripheriam angulosam spiniforme productis, latere interiore excavatis; anfr. penultimo haud distincte constricto; ultimo angustiore, basi convexiusculo; apertura perobliqua, circulari, extra dilatata, intus continua, laevi, supra leviter adnata, ad latus columellare incrassata et infra dente pliciforme, vix distinguendo, instructa, margine interno acuto, undique libero; peristomate externo tenui, lamelliforme undulato et late expanso. — Alt. testae 2,5; diam. anfr. penult. (spinis incl.) 1,5; diam. apert. intus 0,8, c. perist. 1 mill.“ (St.)

Diplommatina crispata (Palaina) *Stol.* in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 153. t. 6. f. 4.

Habitat Damotha prope Moulmein.

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Subgenus **Moussonia O. Semper.**

Journ. Conch. XIII. 1865. p. 296: genus Diplommatinaceorum. Conf. *Crosse* ibid. XIV. 1866. p. 354. — *Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 156: subgenus Diplommatinae? — *Pätel* Catal. 1873. p. 16. 118: genus Diplommatinaceorum.

§. 9.

82. **D. problematica (Pupa) Mousson.** †

„T. minutissima, rimata, conico-turriculata, pellicula nigra limosa induta, subopaca. Spira turriculata, subscalarina; summo magno, corneo, obtusiusculo; sutura perprofunda. Anfr. 7, primi cylindracei; sequentes convexi, in medio anguloso-inflati, oblique costulati, ultimus subattenuatus, non descendens, nec ascendens, lamellis distantibus membranaceis transversis ornatus. Apertura parvula, obliqua, $^1/_3$ spirae aequans, irregulariter circularis, fuscula. Perist. non expansum, obtusum, perincrassatum; marginibus valde conniventibus, callo fusculo fere junctis; columella arcuata, infra dente lamelliformi circumdata. — Diam. $^1/_3$, altit. $^3/_4$ mill. — Rat. anfr. 3:1. — Rat. apert. 1:1.“ (M.)

Pupa problematica Mouss. in Journ. Conch. XIII. 1865. p. 176.
Moussonia typica O. Semp. in Journ. Conch. XIII. 1865. p. 296.
— — *Crosse* in Journ. Conch. XIV. 1866. p. 354. t. 10. f. 9.
— — *Pätel* Catal. p. 118.
— — *Schmeltz* in Mus. God. Cat. V. p. 102.
Diplommatina problematica (Moussonia) *Stol.* in Journ. As. Soc. XL. Pt. 2. 1871. p. 156.

Habitat in insula Upolu, Samoa (Gräffe).

83. D. fuscula Mousson. †

„T. dextrorsa, subrimata, breviter turrita, striatula, sublaevigata, fusculo-cornea. Spira convexe conico-turrita; summo obtusulo; sutura profunda. Anfr. 7, arcte spirati, teretes, medio subangulati; duo penultimi aequales, maximi; ultimus paulo attenuatus, rotundatus, lente ad medium anfr. penultimi ascendens. Apertura subverticalis (10⁰ cum axi), intus profunde circularis, columella lamina obtusa, torta abscissa, extus obtuse quadrata. Perist. praecipue ad dextram expansum, incrassatum, antice acutum; marginibus lamina crassa, adnata junctis; columellari recto, appresso. — Long. 2,0, diam. 0,7 mill.“ (M.)

β. Vitiana: paulo minor (long. 1,8, diam. 0,6 mill.), pallide cornea; anfractibus angulatis, tertio maximo, quarto subirregulari, in ventre depresso; apertura irregulari, marginibus dextro et columellari antice sinuatim retractis, basali producto.

Diplommatina fuscula (Moussonia) *Mouss.* in Journ. Conch. XVIII. 1870. p. 188. t. 8. f. 9.
Moussonia fuscula Pätel Catal. p. 118.
— — *Schmeltz* in Mus. God. cat. V. p. 102.

Habitat Onatea, var. *β* Viti-Levu et Ovalau (Gräffe).

Species quarum descriptiones non vidi:

Nicida Ceylanica H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 6.
— *chrysalidea H. Nevill* ibid.
— *unicarinata H. Nevill* ibid.

XX. Paxillus H. & A. Adams.

Pfr. Mon. Pneum. II. p. 14; III. p. 12. — *Martens* Ostas. Zool. II. 1867. p. 164. — *Stoliczka* in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 157: subgenus Diplommatinae? — *Pätel* Catal. 1873. p. 16. 118: genus Diplommatinaceorum. — *Issel* Moll. Born. 1874. p. 77.

Species:

1. adversus H. & A. Adams. (Coll. 1.) II. 14. III. 12. — *Issel* Moll. Born. p. 77. — Singapore, Borneo.
2. lyratus Gould. † III. 12. — Loo Choo.
3. tantillus Gould. † III. 13. — Hongkong.

4. rubicundus Martens. † III. 13. — *Martens* in Monatsb. Berl. Ak. 1864. p. 119; Ostas. Zool. II. p. 164. t. 4. f. 7. — *Issel* Moll. Born. p. 77. — Borneo.

5. **P. Beccarii Issel.** †

„Testa minuta, sinistrorsa, ovato-elongata, imperforata, subtilissime oblique striata, fulvo-rubescens vel lutescens; spira conico-acuta; anfractus 7½, paululum convexi, sutura mediocri separati, regulariter crescentes usque ad penultimum; ultimus paulum angustior, ad basin attenuatus, prope aperturam valde ascendens; apertura paululum obliqua, subcircularis; peristoma duplex, pernitidum, externum expansum reflexum prope columellam sinuatum vel subemarginatum, plerumque pallide aurantium, plica columellari conspicua obliqua instructum. Operculum subcirculare, tenue, leviter paucispiratum, lutescens, nucleo paulum excentrico. — Long. 4½, diam. maj. 2½, min. 2; long. apert. 2 mill.“ (I.)

Paxillus Beccarii Issel Moll. Born. 1874. p. 78. t. 6. f. 20—22.
— — *Pätel* Catal. p. 118.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

XXI. Clostophis Benson.

Pfr. Mon. Pneum. III. p. 11. — *Stoliczka* in Journ. As. Soc. Beng. XL. 1871. p. 157: genus Diplommatininarum. — *Clostopsis Pätel* Catal. 1873. p. 16. 118: genus Diplommatinaceorum.

Species unica:

1. Sankeyi Bens. † III. 12. — Moulmein.

Subfam. III. Cyclophorea.

XXII. Craspedopoma Pfr.

Pfr. Mon. Pneum. I. p. 51; II. p. 38; III. p. 58. — *Paiva* Moll. Mader. 1867. p. 156. — *Mouss.* Rev. faune Canar. p. 146: subgenus Cyclostomi. — *Pätel* Catal. 1873. p. 17. 119. — *Bolania Gray.*

Species:

1. **lucidum** (Cyclostoma) Lowe. (Coll. 1.) I. 51. II. 38. III. 58. — *Lowe* in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 114 (cum. varr.: *α. polita* *) et *β. rustica* **). — *Paiva* Moll. Mader. p. 156. — *Pätel* Cat. p. 119. — *Valvata mucronata Menke*. — *Paludina conoidea Küst.*? — Madera.

2. C. neritoides Lowe. †

„T. ovato-conoidea nitida solidiuscula distincte angulato-carinata subimperforata s. rima angustissima strictissima v. fere clausa, griseo-fulva vel chalybeo-coerulescens; spira conica subabbreviata, anfr. convexo-planatis spiraliter obsoletissime et transverse exilissime creberrimeque striolatis, ultimo majore subventricoso; sutura distincta haud impressa; apert. spiram subaequante. — Long. 5—5$^1/_2$, diam. 4$^1/_2$—5 mill.; apert. 2$^3/_4$, spira 3 longa; anfr. 4$^1/_2$." (L.)

Craspedopoma neritoides Lowe in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 115.
— *lucidum var. β Paiva* Moll. Mader. p. 157.

Habitat in Maderae sylvaticis excelsis rarissime.

Obs. „Fortassis forma tantum extrema *Craspedopomatis lucidi* var. *β*, tamen colore et habitu, nec non formatione et ambitu peculiare." (L.)

3. Cr. flavescens Lowe.

„T. pyramidato-conoidea sericeo-nitens tenuis, distincte angulato-carinata subimperforata s. rima angustissima strictissima v. fere clausa, pallide stramineo-flavescens v. virescens unicolor; spira subpyramidata subproducta, anfr. planiusculis spiraliter distinctiuscule tenuissimeque et transverse exilissime creberrimeque striolatis v. subtilissime reticulatim decussatis, ultimo vix majore subventricoso; sutura distincta haud impressa; apert. spira distincte breviore. — Long. 5$^1/_2$—6, diam. 4—5 mill.; apert. 2$^3/_4$, spira 3$^1/_2$ longa; anfr. 5." (L. — Coll. Nr. 2.)

Craspedopoma flavescens Lowe in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 115.
— *lucidum var. α Paiva* Moll. Mader. p. 157.

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*) „Laevissima nitidissima plerumque major, striolis transversis inaequalibus exoletis, spiralibus nullis; long. 6$^1/_2$—6$^3/_4$, diam. 6—5$^3/_4$ mill.; apert. 3, spira 4 mill. longa; anfr. 4$^1/_2$—5."

**) „Sericeo-nitens, paulo plerumque minor, striolis transversis creberrimis subtilissimis, distinctiusculis, spiralibus exoletissimis obscuris paucis hinc inde obsoletissime punctulatim subdecussata; long. 5—6, diam. 5$^1/_4$—5$^1/_2$ mill.; apert. 3, spira 3 mill. longa; anfr. 4$^1/_2$—5."

Habitat in insula Madera, commixtum cum *Cr. lucidi* var. α et β.

Obs. „Fortassis forma modo elongata *Cr. neritoidis;* attamen praeter formam pyramidalem et spiram magis productam differt testa tenuiore, leviore, colore uniformi interdum virescente. Operculum lucide rutilum aut rufescenti-castaneum." (L.)

4. Cr. Monizianum Lowe.

„T. subpyramidato-conoidea sericeo-nitens tenuiuscula omnino ecarinata laxiuscule rimato-perforata fusco-coffeacea; spira elevatiuscula subproducta, anfr. aequicrescentibus subdepressiusculis tumidis, striolis vel subtilissimis creberrimis aequissimis distinctis transversis alias spirales obsoletas valde indistinctas tenuissime reticulatim decussantibus, ultimo subdepresso haud ventricoso; sutura valde impressa, profunda; apertura spira distincte breviore. — Long. 5—5 $^1/_2$, diam. 4$^1/_2$—5 mill.; apert. 2$^1/_4$, spira 3$^1/_4$ longa; anfr. 5." (L. — Coll. Nr. 3.)

Craspedopoma Monizianum Lowe in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 116.
— — *Pfr.* Mon. Pneum. Suppl. II. p. 58. n. 2.
— — *Paiva* Moll. Mader. p. 158.
— — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 447. Nr. 595. t. 98. f. 34—36.
— — *Pätel* Catal. p. 119.

Habitat in rupium cavis et in maritimis declivibus insulae Maderae, rarissime in insula Portosancto.

5. Cr. annulatum Lowe. †

„T. breviter subpyramidato-conoidea sericeo-nitens tenuiuscula largiuscule rimato-umbilicata omnino ecarinata fusco-coffeacea; spira elevatiuscula subproducta, anfr. aequicrescentibus valde tumidis depressis, intermediis costis aequidistantibus transversis concinniter annulatis ceterum omnino laevigatis vel aliquando tenuissime et obsoletissime spiraliter substriolatis, ultimo depresso haud ventricoso peristoma versus exannulato costis vel rarioribus v. evanescentibus v. nullis; sutura valde profunda inciso-impressa; apertura spira vix breviore. — Long. 4—4$^1/_2$, diam. 4—4$^1/_2$ mill.; apert. 2—2$^1/_2$, spira 2$^1/_2$ longa; anfr. 4$^1/_2$." (L.)

Craspedopoma annulatum Lowe in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 116.

Habitat in insulis Canariensibus Hierro et Palma.

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6. Lyonnetianum (Cyclostoma) Lowe. (Coll. 4.) I. 52. II. 38. III. 58. — *Lowe* in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 117. — *Paiva* Moll. Mader. p. 159. — Madera.

7. C. trochoideum Lowe.

„T. abbreviato-conoidea exacte trochiformis nitida tenuiuscula acute angulato-carinata imperforato-rimata, rima fere v. omnino clausa; spira conico-acuta, anfr. inaequicrescentibus planatis, striolis spiralibus creberrimis exilissimis aequalibus alias transversas tenues exoletas crebras subinaequales subtilissime decussantibus, ultimo subito majore antice sursum subdilatato abrupte ascendente, subtus fere planato; sutura distincta parum impressa antice subito ascendente; apert. spira vix breviore. — Long. $4^1/_4$—$4^1/_2$, diam. 4—$3^3/_4$ mill.; apert. 2, spira $2^1/_4$—$2^1/_2$ longa; anfr. $5^1/_2$." (L. — Coll. Nr. 5.)

Craspedopoma trochoideum Lowe in Ann. and Mag. n. h. 3d. ser. XI. 1860. p. 117.
— — *Paiva* Moll. Mader. p. 159.

Habitat in convalle Ribeira do Inferno dicta aliisque orae septentrionalis Maderae; fossilis frequens ad Caniçal.

*

8. costatum (Cyclostoma) Shuttl. (Coll. 6.) I. 415. II. 38. III. 58. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 477. Nr. 594. t. 98. f. 28—30. — *Pätel* Cat. p. 119. — *Cyclostomus costatus* (Craspedopoma) *Mouss.* Canar. p. 146. — Ins. Canar.

9. C. hespericum (Cyclostoma) Morelet & Drouet.

„T. rimato-perforata, globoso-pyramidata, solidula, vix striatula, lucida, epidermide fusco-nigricante vel luteo-fulva induta; spira exserta, acuta; anfr. $4^1/_2$—5 rotundati, ultimus ventrosus, compressiusculus, antice vix constrictus; apertura parum obliqua, circularis, fusco-violacea; peristoma simplex, rectum, breviter expansiusculum, intus limbatum. — Operculum solidulum, corneum, nucleo centrali. — Longit. 4, diam. 3 mill." (M. 1860. — Coll. Nr. 7.)

Cyclostoma hespericum Morel. & Drouet 1857.
— — *Morel.* Moll. terr. Açor. p. 212. t. 5. f. 10.
Cyclostomus? hespericus Pfr. Mon. Pneum. Suppl. I. p. 122. nr. 68.
Craspedopoma hespericum Mouss. in Viert. nat. Ges. Zürich. 1858. p. 168.
— — *Pfr.* Mon. Pneum. Suppl. II. p. 58. nr. 5; Novit. conch. III. fasc. XXXIII. p. 446. Nr. 593. t. 98. f. 25—27.

Habitat in insulis San Miguel, Santa-Maria, Fayal et Terceira.

XXIII. Aulopoma Troschel.

Pfr. Mon. Pneum. I. p. 52; II. p. 39; III. p. 59. — *Pätel* Catal. 1873. p. 17. 119.

Species:

1. grande Pfr. II. 39. III. 59. — Ceylon.
2. Itierii (Cyclostoma) Guér. (Coll. 1.) I. 52. II. 39. III. 59. — *Pätel* Cat. p. 119. — *Aulopoma Hofmeisteri Trosch.*, *Hanl. & Theob.* Conch. Ind. t. 47. f. 3. 4. — *Aulopoma cornu venatorium H. & A. Adams.* — *Cyclostoma Hoffmeisteri Bens.* — Ceylon.
3. sphaeroideum Dohrn. II. 39. III. 59. — Ceylon.
4. helicinum (Turbo) Chemn. (Coll. 2.) I. 53. III. 59. — *H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 119. — Ceylon?

XXIV. Cyclophorus Montfort.

Pfr. Mon. Pneum. I. p. 54; II. p. 40; III. p. 59. — *Bland* in Amer. journ. conch. II. 1866. p. 60. — *Martens* Ostas. Zool. II. 1867. p. 130. — *Pätel* Catal. 1873. p. 17. 119.

Conspectus specierum.

I. Pterocycloidei.			
A. Subgenus *Myxostoma Trosch.* .	§. 1.	Nr.	1.
B. Affines	§. 2.	—	2— 5.
C. Subgenus *Scabrina*	§. 3.	—	6— 8.
II. Normales.			
A. Peristomate expanso. .			
a. Umbilico libero.			
1. Subturbinati,			
α. ecarinati			
* sublaevigati vel striati	§. 4.	—	9—29.
** spiraliter sublirati .	§. 5.	—	30—38.
β. subunicarinati . . .	§. 6.	—	39—58.
γ. pluricarinati vel costati	§. 7.	—	59—70.
2. Subdepressi,			
α. spiraliter striati vel costati	§. 8.	—	71—83.
β. decussati	§. 9.	—	84.

γ. striati	§. 10.	Nr. 85— 89.
δ. laevigati	§. 11.	— 90.
b. Umbilico semitecto . . .	§. 12.	— 91—105.
c. Umbilico clauso	§. 13.	— 106.
B. Peristomate recto.		
a. Subturbinati,		
α. laevigati vel striati . .	§. 14.	— 107—119.
β. spiraliter sculpti . . .	§. 15.	— 120—140.
b. Depressi.		
1. Peristomate incrassato .	§. 16.	— 141—148.
2. — tenui		
α. Spiraliter striati vel sulcati	§. 17.	— 149—170.
β. Oblique rugosi vel foveolati	§. 18.	— 171—175.
γ. Simpliciter striati .	§. 19.	— 176—185.
3. Utrinque excavati (*Buckleyia*) . . .	§. 20.	— 186—187.
III. Peristomate superne inciso (*Lagocheilus*)	§. 21.	— 188—192.
IV. Subgenus *Ditropis*	§. 22.	— 193—195.
V. Subgenus *Euptychia*	§. 23.	— 196.

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§. 1.

1. brevis (Lituus) Martyn. (Coll. 1.) I. 42 (Pterocyclos). II. 40. III. 60. — *Pätel* Cat. p. 119. — *Cyclostoma Petiverianum Gray*, *breve Pfr.*, *lychnus Morelet.* — *Myxostoma Petiverianum Trosch.*, *breve Frfd.* in Verh. zool. bot. Ges. Wien. XIX. 1869. p. 878: Nicobar. — Ins. Poulo Condor.

§. 2.

2. C. monachus (Cyclostoma) Morelet. †

„T. late umbilicata, subdiscoidea, solida, striatula, nitida, saturate castanea, cingulo angusto, fulvo ad peripheriam notata; spira depresso-conoidea, apice obtusiuscula; anfr. 5 convexi, infra suturas concavo-planati, supremi regulariter plicati, ultimus basi dilatatus, non descendens; umbilicus late perspectivus; apertura perobliqua, irregulariter circularis, intus coerulea; perist. albidum, crassum, breviter reflexum, subduplex, marginibus distantibus, columellari superne angustato, externo ad insertionem dilatato. — Operc.? — Diam. maj. 38, min. $31^1/_2$, altit. 17 mill.“ (M.)

Cyclostoma monachus Morel. in Rev. et Mag. Zool. XVIII. 1866. p. 166.

Habitat in Cochinchina.

Obs. An huc referenda species operculo ignoto? An eadem species sequens monente Cl. Crosse ipso?

3. C. Annamiticus Crosse. †

„T. latissime et aperte umbilicata, depressa, subdiscoidea, solida, crassiuscula, striatula, sub epidermide tenui, fulvida, partim decidua, nitidula, brunnea; spira subplana, obtusiuscula; sutura lata, profunda, subcanaliculata; anfr. 5 convexiusculi, embryonales $1^1/_2$ laeves, brunnei, ultimus vix descendens, teres, ad peripheriam zona pallidiore, parum conspicua notatus; regio umbilici pallidior, albida; apertura subcircularis, obliqua, intus livide albida; perist. incrassatum, reflexum, squalide albidum, duplex: internum laevigatum, politum, externum haud nitidum, superne ad anfractum penultimum in appendicem triangularem protractum. — Operculum normale, arctispirum, corneum, extus concavum. — Diam. maj. 39, min. 32; apert. $15^1/_2$ mill. longa, 15 lata." (C.)

Cyclophorus Annamiticus Crosse in Journ. Conch. XV. 1867. p. 204. t. 6. f. 6.

Habitat Tay-Ninh Cochinchinae gallicae.

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4. confluens Pfr. III. 60. — *Issel* Moll. Born. p. 71. — Borneo.
5. papilio Pfr. III. 61. — *Pterocyclos parilis Reeve.* — Habitat?

Subgenus **Scabrina Blanford** *).

W. T. Blanford in Journ. As. Soc. Beng. 1863. p. 322; Contrib. to Ind. Malac. IV. p. 4 et Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 452.

§. 3.

6. pinnulifer Bens. II. 41. III. 67. — Scabrina *Blanf.* in Ann. and Mag. 3d. ser. XIII. — Teria Ghat, Khasia Hills.
7. Calyx Bens. II. 56. III. 67. — *W. T. Blanf.* Contr. to Ind. Malac. Nr. 4. p. 4: epidermis scabra obscura, radiatim striata et lineis ele-

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*) *Scabrina W. T. Blanford*: „testa late umbilicata, depressa, subdiscoidea, epidermide fusca hispidula induta; anfractibus rotundatis. Apertura circularis, peristomate incrassato. Operculum crassum, corneum, anfractuum marginibus lamellatim elevatis."

vatis spiralibus notata; operculum extus leviter concavum, intus planum, laevigatum, nucleo centrali minuto. — Scabrina *Blanf.* in Ann. and Mag. 3d. ser. XIII. 1864. — *Hanl. & Theob.* Conch. ind. t. 4. f. 4. — *Cyclophorus* (Myxostoma) *Calyx Stol.* in Journ. As. Soc. XL. 1871. Pt. 2. p. 148. — *Pätel* Cat. p. 119. — Moulmein Birmaniae.

8. C. hispidulus Blanford. †

„Testa late umbilicata, subplanato-depressa, radiato-striata et lineis concentricis impressis subtilissimis et confertis notata, alba, epidermide crassa, saturate fusca, latam et elevatam costulationem spiralem (in junioribus distinctiorem) formante vestita; spira fere plana, apice vix exserto, sutura profunda; anfr. 5, cylindracei, ultimus versus aperturam subverticalem circularem perparum descendens; peristoma duplex: internum continuum, leviter prominens, externum leviter expansum. — Operculum multispirale, extus planum, marginibus anfractuum asperis et liberis, intus vix concavum, nucleo centrali minuto prominulo. — Diam. maj. 14, min. 12, alt. 7, diam. apert. 5 mill.“ (B. angl.)

Cyclophorus hispidulus W. T. Blanf. Contrib. to Ind. Malac. IV. 1863. p. 3.
— — (Scabrina) *Blanf.* in Ann. and Mag. 3d. ser. XIII. 1864.

Habitat Mya Leit Doung prope Ava.

§. 4.

9. Saturnus Pfr. III. 61. — *Martens* Ostas. Zool. II. p. 65. — *Pätel* Cat. p. 119. — Camboja.
10. speciosus (Cyclostoma) Phil. (Coll. 2.) I. 56. II. 41. III. 61. — Siam, Pegu.
11. Siamensis (Cyclostoma) Sow. (Coll. 3.) I. 56. II. 41. III. 61. — Siam.
12. aquila Sow. (Coll. 4.) I. 57. II. 41. III. 62. — *Martens* Ostas. Zool. II. p. 134 (includens *C. perdicem Sow.* ex parte et *C. Debeauxii Crosse* Nr. 18). — *Pätel* Cat. p. 119. — *Cyclostoma aquilum Sow., subinvolvulus Soul.?* *) — Singapore.

13. C. Bankanus Martens. †

„Testa depresse turbinata, sat late umbilicata, subangulata, fascia suturali articulata, peripherica pallida, basalibus duabus frondosis fuscis; apertura subperpendicularis; peristoma cras-

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*) Ab *E. v. Martens* et *Issel* cum dubio synonymum *Cyclophori Borneensis Metc.* citatum.

siusculum, simplex, flavido-album, margine basali sat producto. (Splendor et coloratio *C. perdicis,* peristoma *aquilae.*) — Diam. maj. 38, min. 27, alt. 24; apert. long. 21½, alt. 19 mill." (v. M.)

Cyclophorus Bankanus Mart. Ostas. Zool. II. p. 135.

Habitat in insula Banka (Teysmann).

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14. alabastrinus (Cyclostoma) Pfr. II. 41. III. 62. — *Cyclophorus Alabastrum H. Nevill* Enum. Helic. et Pneum. Ceyl. 1871. p. 4. — Ceylon.
15. Pearsoni (Cyclostoma) Bens. II. 42. III. 62. — *Pätel* Cat. p. 119. — Montes Khasi, Assam.
16. volvulus (Helix) Müll. (Coll. 5.) I. 58. II. 42. III. 62. — *Pätel* Cat. p. 120. — *Turbo lituus Gmel.* — *Cyclostoma volvulus Lam.* — *Aperostoma volvulus Trosch.* — *Cyclophorus lituus Martens* Ostas. Zool. II. p. 64. — Cochinchina.
17. Malayanus (Cyclostoma) Bens. (Coll. 6.) II. 42. III. 62. — *Pätel* Cat. p. 119. — *Stoliczka* in Journ. As. Soc. XLI. 1872. Pt. 2. p. 262. t. 10. f. 1—5: Penang. — *Cyclotus? trochiformis M. E. Gray.* — India.
18. Debeauxi Crosse. † III. 62. — *Cyclophorus aquila var. Martens* Ostas. Zool. II. p. 135. — Singapore.
19. fulguratus Pfr. (Coll. 7.) I. 80. II. 58. III. 62. — Var. major: *Pfr.* Novit. conch. III. fasc. XXXIII. p. 440. Nr. 585. t. 98. f. 1. 2. — Pegu.
20. patens W. Blanf. (Coll. 8.) III. 62. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 441. Nr. 586. t. 98. f. 3. 4. — Pegu.
21. floridus Pfr. (Coll. 9.) II. 43. III. 63. — *Pätel* Cat. p. 119. — *Cyclophorus lituus min. Martens* Ostas. Zool. II. p. 65. — Siam.
22. ?aequivocus Pfr. II. 43. III. 63. — Madagascar.
23. exaltatus Pfr. (Coll. 10.) II. 43. III. 63. — *Martens* Ostas. Zool. II. p. 39 *). t. 19. f. 8. c. anim.? — *Pätel* Cat. p. 119. — Var.? *Pfr.* Novit. conch. II. fasc. XXIII. p. 279. t. 68. f. 14. 15. — Hongkong.
24. Herklotsi Martens. † III. 63. — *Martens* Ostas. Zool. II. p. 13. t. 3. f. 1. — Japonia.
25. cucullatus (Cyclostoma) Gould. II. 44. III. 63. — Burma.
26. Ibyatensis Pfr. I. 61. II. 44. III. 63. — *Cyclophorus ibjatensis Pätel* Cat. p. 119. — Ibyat ins. Bashee.
27. atramentarius (Cyclostoma) Sow. I. 61. II. 44. III. 63. — Habitat?
28. Laomontanus Pfr. III. 63. — Camboja.
29. ?lignarius Pfr. (Coll. 11.) II. 44. III. 64. — Nova Seelandia.

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*) „Testa peranguste umbilicata, turbinata, oblique striata, opaca, ex rufofusco et pallide flavo fulminato-strigosa; anfr. 5, convexi, supremi nigricantes, ultimus obtuse angulatus, infra peripheriam fascia obscura angusta unica cinctus; apertura vix obliqua, fauce caerulescente; peristoma album, crassum, undique breviter reflexum, marginibus callo tenui junctis. — Operculum normale, tenue, luteo-fuscum. — Diam. maj. 27, min. 21, alt. 22; apert. 14 mill. — Hongkong."

§. 5.

30. Himalayanus Pfr. (Coll. 12.) I. 55. II. 44. III. 64. — Sikkim Himalaya.
31. Tryblium Bens. II. 45. III. 64. — Himalaya.
32. balteatus Bens. † II. 45. III. 64. — Pegu.
33. involvulus (Helix) Müll. (Coll. 13.) I. 59. II. 45. III. 64. — *Turbo volvulus Chemn.* — *Cyclophorus involutus Pätel* Cat. p. 119. — India.
34. pyrotrema Bens. (Coll. 14.) II. 45. III. 64. — *Cyclostoma involvulus Bens.* olim. — *Cyclophorus pyrostomus Pätel* Cat. p. 119. — Bengalia.
35. polynema (Cyclostoma) Pfr. II. 46. III. 64. — Habitat?
36. Exul Bens. II. 46. III. 64. — Himalaya.

37. C. Guestierianus Gassies. †

„Testa late umbilicata, turbinato-conoidea, solida, luteo-rubra, sub epidermide fulvida, tenui, costulis acutis, elevatis, medio anfractu magis elevatis circumdata; spira elevata; sutura profunda, canaliculata; anfractus $5^1/_2$ convexi, regulariter accrescentes, ultimus ad aperturam crispatus; umbilicus latus, infundibuliformis; apertura parum obliqua, vix descendens, subcircularis, intus luteo-aurantiaca, nitida; peristoma continuum, subincrassatum, luteum, vel aurantiacum. — Operculum concavum, corneum, anfr. concentricis (?), nucleo subcentrali, mamillato, prominente. — Diam. maj. 25, min. 20, alt. 19 mill.; apert. 10 longa, $9^1/_2$ lata.“ (G.)

Cyclostoma Guestierianum Gass. in Journ. Conch. XIV. 1866. p. 50.

Habitat in insula Art Novae Caledoniae (Montrouzier).

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38. Scurra Bens. † II. 47. III. 64. — Pegu.

§. 6.

39. aurantiacus (Annularia) Schum. (Coll. 15.) I. 62. II. 47. III. 64. — *Cyclostoma pernobilis Gould.* — Birmania.
40. Bensoni (Cyclostoma) Pfr. I. 63. II. 47. III. 64. — Montes Khasia Indiae.
41. Theobaldianus Bens. (Coll. 16.) II. 47. III. 64. — *Pätel* Cat. p. 120. — Birmania.
42. tuba (Cyclostoma) Sow. I. 57. II. 48. III. 64. — *Martens* Ostas. Zool. II. p. 133 *). t. 3. f. 2—4. — *Pätel* Cat. p. 120. — Malacca, Sumatra.

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*) „Testa depressa, sat anguste umbilicata, subcarinata, leviter striatula, supra pallide fulva, minutim fusco-marmorata, fascia suturali articulata, infra peripheriam fascia lata fusca albido-adspersa (interdum in duas divisa) cincta,

43. Pfeifferi Reeve. † III. 64. — An = praeced.? *Martens* Ostas. Zool. II. p. 134 et *Stoliczka* in Journ. As. Soc. XLI. Pt. 2. p. 264. — Ins. Pulo Penang.
44. labiosus Pfr. II. 48. III. 65. — Habitat?
45. Borneensis Metcalfe. (Coll. 17.) I. 63. II. 49. III. 65. — *Martens* Ostas. Zool. II. p. 136. t. 3. f. 5. 6. — *Pätel* Cat. p. 119. — *Issel* Moll. Born. p. 68. — Var.: *Stoliczka* in Journ. As. Soc. XLI. 1872. Pt. 2. p. 263. t. 10. f. 6: Penang. — Borneo.
46. perdix (Cyclostoma) Brod. & Sow. (Coll. 18.) I. 63. II. 49. III. 65. — *Martens* Ostas. Zool. II. p. 136 (injunctis *C. Zollingeri Mouss.* et *porphyritico Bens.*). — *Pätel* Cat. p. 119. — *Cyclostoma variegatum Val., Phil.* — *Cyclophorus variegatus Pätel* Cat. p. 120. — India, Java.
47. ? Zollingeri (Cyclostoma) Mouss. † I. 64. II. 49. III. 65. — Java.
48. ? porphyriticus (Cyclostoma) Bens. II. 49. III. 65. — India.
49. expansus (Cyclostoma) Pfr. I. 65. II. 49. III. 65. — Tenasserim Indiae.
50. Cantori (Cyclostoma) Bens. II. 49. III. 65. — *Pätel* Cat. p. 119. — Ins. Penang.
51. Menkeanus (Cyclostoma) Phil. I. 66. II. 50. III. 65. — *Pätel* Cat. p. 119. — Ceylon.
52. amoenus (Cyclostoma) Pfr. I. 66. II. 50. III. 65. — Habitat?
53. turgidus Pfr. (Coll. 19.) I. 67. II. 50. III. 65. — *Pätel* Cat. p. 120. — *Cyclostoma crassum Pfr.* olim. — Ins. Liew Kiew.
54. punctatus (Cyclostoma) Grat. (Coll. 20.) I. 67. II. 50. III. 65. — *Martens* Ostas. Zool. II. p. 39 *). — *Pätel* Cat. p. 119. — *Cyclostoma irroratum Sow.* — China.
55. denselineatus (Cyclostoma) Pfr. I. 68. II. 50. III. 65. — *Cyclostoma commaculatum Behn.* — *Cyclophorus commaculatus Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 878. — Ins. Nicobar.
56. marmoratus (Cyclostoma) Fér. I. 68. II. 50. III. 65. — An = *Cyclotus Amboinensis Pfr.* Nr. 26? *Martens* Ostas. Zool. II. p. 121. — Habitat?

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57. foliaceus (Turbo) Chemn. † III. 65. — *Pätel* Cat. p. 119. — Conf. sequentem. — Ins. Andaman.

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basi pallida; spira brevis, conica, apice exserta; anfr. $5^1/_2$, convexiusculi, sutura mediocri conjuncti, superiores acute carinati, $2^1/_2$—3 primi oblique striati, ultimus haud descendens, carina plus minusve obsoleta; apertura parum obliqua, ovato-circularis; peristoma simplex, late reflexum, plerumque revolutum, album, interruptum, marginibus callo valde tenui junctis. — Operculum tenue, planum, pallide corneum. — Speciminis maximi diam. maj. 54, min. 37, alt. 30; apert. long. incl. perist. $31^1/_2$, excl. 22, alt. incl. 30, excl. 21 mill. Speciminis minimi diam. maj. 44, min. ?, alt. 34; apert. long. incl. perist. 26, excl. 17, alt. incl. 25, excl. 16 mill."

*) „Testa anguste umbilicata, turbinata, tenuiuscula, subtilissime oblique striata, pallide flavescens, seriebus compluribus macularum sagittiformium et fascia unica castanea infra peripheriam picta; apex nigricans; anfr. 5, convexi, ultimus sat ventrosus et rotundatus; apertura parum obliqua, alba; peristoma undique breviter expanso-reflexum, marginibus callo junctis. — Operculum normale, pallidum. — Diam. maj. 25, min. $19^1/_2$, alt. 20; apert. $13^1/_2$ mill. — Frequens prope Kanton."

58. ? C. Leai (Cyclostoma) Tryon. †

„Testa globoso-conica, anguste umbilicata; anfr. 5, convexi, dense spiraliter striati; apertura ovalis; labrum leviter reflexum. Epidermis laete fusca, flammis angulatis saturatioribus, infra suturas praesertim conspicuis, picta. — Operculum? — Diam. 16, alt. 19 mill.“ (Tr. angl.)

Cyclostoma? Leai Tryon in Amer. journ. conch. V. 1869. 1870. p. 111. t. 10. f. 6. Conf. *Stoliczka* in Proc. As. Soc. Beng. Mart. 1870 et *Pfr.* in Malak. Bl. 1871. p. 105.

Habitat in insulis Andamanicis.

Obs. Similitudo cum *Cyclophoro foliaceo Chemn.*, 1860 a Cl. Benson illustrato (*Reeve* Conch. ic. Cyclophorus sp. 52. t. 13), ex iisdem insulis allato ab Auctore supervisa videtur. Varices in anfractu ultimo in descriptione *C. Leai* non commemorati, in ambabus figuris bene conspicui sunt. Forma aperturae in figura Reeveana aliquantulum diversa est, attamen vix dubito, hanc esse eandem speciem. — Serius (Amer. journ. conch. VI. p. 25) *Tryon* speciem suam cum illa a *Benson* et *Reeve* descripta absque ullo dubio identicam declarat, sed valde dubitat, an species Chemnitziana sit eadem?

§. 7.

59. eximius (Cyclostoma) Mousson. (Coll. 21.) I. 69. II. 51. III. 66. — *Martens* Ostas. Zool. II. p. 131 *). — *Pätel* Cat. p. 119. — Java.

60. Ceylanicus (Cyclostoma) Pfr. (Coll. 22.) I. 70. II. 51. III. 66. — *Pätel* Cat. p. 119. — *Cyclostoma indicum Sow.* — *Cyclophorus Menkeanus Reeve.* — Ceylon.

61. stenomphalus (Cyclostoma) Pfr. (Coll. 23.) I. 70. II. 51. III. 66. — *Pätel* Cat. p. 120. — India.

62. Aurora (Cyclostoma) Bens. (Coll. 24.) I. 72. II. 51. III. 66. — *Pätel* Cat. p. 119. — India.

63. Jerdoni (Cyclostoma) Bens. I. 71. II. 51. III. 66. — *Pätel* Cat. p. 119. — Montes Nilgherries Indiae.

64. zebrinus (Cyclostoma) Benson. I. 71. II. 52. III. 66. — Conf. *Leptopoma Cybeus Bens.* — Nanclai Indiae.

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*) „Testa subdepresse turbinata, anguste umbilicata, solida, spiratim lineis elevatis confertis, paulum undulosis, versus basin obsolescentibus et supra carinis elevatis 4 (quarta peripherica) sculpta, sub epidermide olivacea lutescens, albofulminulata, fascia infra peripheriam obsoleta haud articulata cincta, basi paulum pallidiore; spira mediocris, conica; anfr. $5^1/_2$, convexiusculi, ad suturam subplanati, priores $2^1/_2$—3 arcuatim oblique striati, ultimus haud descendens; apertura parum obliqua, circularis; peristoma crassum, breviter reflexum, umbilici partem tegens, obsolete multiplex, intus album, extus pallide flavum, fauce coerulescente. — Operculum tenue, multispirum, intus fuscorufum, peripheria pallidiore, centro mammillato, extus concaviusculum. — Diam. maj. 61, min. 46, alt. 46; apert. long. = lat. 36 mill. — Sumatra.

65. C. cruentus Martens.

T. aperte et mediocriter umbilicata, globoso-turbinata, solida, oblique et spiraliter striata, costisque 8—9 spiralibus, inferioribus confertioribus et minoribus sculpta, fusca; spira turbinata, vertice minuto; anfr. 5 convexi, ultimus prope suturam subplanatus, basi parum convexus; apertura obliqua, subcircularis, intus sanguinea; perist. subexpansum, fusco-sanguineum, breviter adnatum, antrorsum incrassato-productum, concentrice striatum, latere sinistro subreflexum. — Operc.? — Diam. maj. 24, min. 20, alt. 17 mill. (Coll. Nr. 25.)

Cyclophorus cruentus Mart. in Ann. and Mag. n. h. 3d. ser. XVI. 1865. p. 429 *).

— — *Pfr.* Novit. conch. II. fasc. XXIII. p. 279. Nr. 393. t. 68. f. 17.

Habitat in insula Samar Philippinarum (F. Jagor).

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66. luridus (Cyclostoma) Pfr. I. 73. II. 52. III. 66. — *Pätel* Cat. p. 119. — Habitat?

67. leucostomus (Cyclostoma) Pfr. I. 73. II. 52. III. 66. — Habitat?

68. Guimarasensis (Cyclostoma) Sow. (Coll. 26.) I. 75. II. 52. III. 66. — *Pätel* Cat. p. 119. — *Leptopoma? Guimarasense Pfr.* olim. — Ins. Philippin.

69. turbinatus (Cyclostoma) Pfr. I. 75. II. 52. III. 66. — *Pätel* Cat. p. 120. — *Cyclostoma helicoides Sow.* — Ins. Philippin.

70. C. bellulus Martens. †

„Testa subdepresse turbinata, sat late umbilicata, subtiliter striatula et carinis tenuibus in anfractu penultimo 4 conspicuis, in ultimo circa 14, sculpta, brunneoflava, *strigis rufis flexuosis picta*; spira conica; anfr. 5, convexi, sutura profunda discreti, ultimus rotundatus, basi parum convexus, ad aperturam paulum descendens; apertura perobliqua, circularis; peristoma duplicatum, internum continuum, externum late reflexum, lutescens, interruptum. — Operc. tenue, corneum,

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*) „C. testa anguste umbilicata, turbinata, oblique striatula, striis spiralibus rarioribus et costis obtusis supra suturam 3, infra 5 sculpta, subunicolori, rufo-fusca; spira turbinata, apice obtusa; anfr. $4^1/_2$ convexi, supremi distinctius oblique striati, carinis in tertio demum incipientibus, ultimus non descendens; apertura parum obliqua, circularis, intus intensive rubra; peristoma multiplex, externum leviter expansum, ad umbilicum vix arcuato-productum, internum rectum, continuum. — Diam. maj. 24, min. 19, alt. 19; apert. incluso peristomate 13, excluso 10 mill." (v. M.)

concaviusculum, margine acuto. — Diam. maj. 7, min. 6, alt. $5^1/_2$; apert. long. et lat. incl. perist. 4, excluso $2^1/_2$ mill." (v. M.)

Cyclophorus bellulus Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 52; Ostas. Zool. II. p. 140. t. 2. f. 18.

— — *Issel* Moll. Born. p. 69.

Habitat in parte occidentali insulae Borneo.

Obs. „Persimile *Leptopomati Garreli*, sed apice minus prominente, carinarum numero in parte supera anfractuum minore, in infera majore, anfractu ultimo perfecte rotundato, umbilico latiore, apertura obliquiore et peristomate latiore differt."

§. 8.

71. oculus capri (Helix) Wood. (Coll. 27.) I. 87. II. 52. III. 66. — *Pätel* Cat. p. 119. — *Cyclostoma oculus capri Gray, Rafflesii Sow., indicum Phil., costatum Van Hass.* teste *Martens.* — *Cyclophorus Rafflesii Mart.* Ostas. Zool. II. p. 132 *). — Java, Sumatra.

72. Nilagiricus (Cyclostoma) Bens. (Coll. 28.) II. 52. III. 66. — *Pätel* Cat. p. 119. — *Cyclostoma Pirrieanum Pfr.* — *Cyclophorus Pirrieanus Pfr.* — Montes Nilgherries.

73. excellens (Cyclostoma) Pfr. II. 53. III. 66. — Birmania.

74. ? C. Haughtoni Theobald. †

Species a *Reeve* et in Pneum. III. p. 66 tamquam synonymum praecedentis laudata, teste *Stoliczka* (Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 147) *C. aquilo Sow.* proxima, cujus var.: *Cyclophorus affinis Theob.* — Conf. Conch. Ind. t. 41. 47. — Moulmein.

75. C. sublaevigatus Blanford. †

„Testa aperte umbilicata, depresso-turbinata, solida, sublaevigata, oblique striatula, in anfractibus superioribus et nonnunquam sed rare in ultimo lineis impressis confertis spiralibus decussata, castanea, supra peripheriam et circa umbilicum

*) „Testa depresse turbinata, modice umbilicata, solida, spiratim confertim striata et superne carinis plerumque 4, quarum infima peripherica magis tumida, sculpta, castaneo-fusca, strigis maculosis albis picta, infra peripheriam fascia nigricante albo-articulata cincta, basi albida; spira brevis; anfr. 5—6, convexiusculi, ad suturam planati, priores 3 solum oblique striati, ultimus vix descendens; apertura parum obliqua, circularis; peristoma crassum, reflexum, duplicatum, aurantiacum. — Operculum tenue, multispirum, fusco-rufum, peripheria lutescens, intus centro mammillato. — Speciminis maximi diam. maj. 56, min. 42, alt. 38; apert. lat. et long. incluso perist. 30 mill. Speciminis minimi diam. maj. 38, min. 29, alt. 27; apert. lat. et long. incluso perist. 20 mill."

spiraliter albido fasciata, periomphalo lato albo. Spira depresso-conica, lateribus concavis, apice papillari, magis exserto, sutura profunda. Anfr. 5, convexi, ultimus magnus, ad peripheriam angulatus, angulo antice evanescente, subtus convexus, juxta aperturam leniter descendens. Apertura fere rotunda, obliqua, lutescenti-albida, aliquantulum latior quam alta. Peristoma rectum, incrassato-expansum, subcontinuum. Umbilicus pervius. Operculum normale. — Diam. maj. 46, min. 38, axis 25 mill.; apert. c. perist. 23 mill. lata, $21^1/_2$ alta.“ (B.)

Cyclophorus sublaevigatus W. Blanf. in Proc. Zool. Soc. 1869. p. 446.
— — *Hanl. & Theob.* Conch. Ind. t. 34. f. 7.

Habitat ad ripas fluminis Iravadi Indiae (J. Anderson).

Obs. Affinis *C. Pearsoni Bens.* et *excellenti Pfr.*, sed utroque depressior. A *C. Theobaldiano Bens.* differt apertura multo minore et superficie laeviore.

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76. semisulcatus (Cyclostoma) Sow. (Coll. 29.) I. 88. II. 53. III. 66. — *Martens* Ostas. Zool. II. p. 130 *). — *Pätel* Cat. p. 119. — Malacca.

77. C. Layardi H. Adams. †

„C. testa late umbilicata, depressa, solidula, oblique confertim striata et liris pluribus distantibus sculpta, sub epidermide fusca flavidula; spira parum elevata, apice obtusulo, sutura profunda; anfr. 5, convexis, ultimo antice descendente; apertura obliqua, subcirculari, superne angulari; perist. continuo, duplici, interno breviter expanso, albido, externo expanso, superne dilatato, adnato. — Operc. corneum, tenue, extus subconcavum, arctispirum. — Diam. maj. 26, min. 22, alt. 11 mill.“ (H. Ad.)

Cyclophorus Layardi H. Adams in Proc. Zool. Soc. 1868. p. 294. t. 28. f. 21.

Habitat in insula Ceylon (Thwaites).

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*) „Testa depresso-turbinata, late umbilicata, solidula, superne liris elevatis 7—10, basi circa umbilicum liris subundulosis confertis numerosis sculpta, superne fusca, plus minusve marmorata, infra peripheriam unifasciata, basi albida; spira brevis; anfr. 5, convexi, ad suturam planulati, priores 3 laeves, flavescentes, ultimus circa umbilicum obtuse angulatus, ad aperturam descendens; apertura sat obliqua, circularis; peristoma crassum, subduplicatum, breviter expansum, album. — Operculum solidulum, extus flavescens, intus aurantio-rufum, margine pallidiore, centro vix prominulo area depressa circumdato. — Diam. maj. 41, min. 30, alt. 27; apert. long. = lat. incluso perist. 18, excluso 16 mill.“

78. Woodianus (Cyclostoma) Lea. (Coll. 30.) I. 88. II. 53. III. 66. — *Pätel* Cat. p. 120. — *Cyclostoma Luzonicum Sow., Gironnieri Soul.* — *Cyclophorus Gironnieri Pätel* Cat. p. 119: Cochinchina. — Ins. Philippin.

79. picturatus (Cyclostoma) Pfr. (Coll. 31.) I. 61. II. 43. III. 66. — *Pätel* Cat. p. 119. — Ins. Philippin.

80. spironema (Cyclostoma) Pfr. II. 53. III. 67. — India.

81. Charpentieri (Cyclostoma) Mouss. (Coll. 32.) I. 89. II. 54. III. 67. — *Mörch* in Journ. Conch. XX. 1872. p. 316: ins. Nicobar. — Java.

82. Bairdi (Cyclostoma) Pfr. (Coll. 33.) I. 91. II. 54. III. 67. — *Pätel* Cat. p. 119. — Ceylon.

83. incisus (Cyclostoma) Hombr. & Jacq. † II. 54. III. 67. — Ins. Hogoleu Carolinarum.

§. 9.

84. Phaenotopicus (Cyclostoma) Bens. II. 54. III. 67. — *Cyclophorus sphoenotopicus Pätel* Cat. p. 119. — Darjiling, Sikkim Himalaya.

§. 10.

85. mexicanus (Cyclostoma) Menke. (Coll. 34.) I. 34 (Cyclotus?). II. 55 (ex parte). III. 67. — *Martens* in Malak. Bl. XII. 1865. p. 4. 151. — *Strebel* in Abh. Geb. Nat. Ver. Hamb. VI. 1. 1873. p. 8 *). t. 1. 1 a. f. 1. 1 a. 1 b. — *Aperostoma mexicanum Pfr.* olim. — Papantla et Misantla reipubl. mexicanae.

86. C. Salleanus Martens.

T. late et perspective umbilicata, depressa, solidula, confertissime capillaceo-striata, pallide fulva; spira breviter conoidea, mucronulata; anfr. 5½ convexi, sensim accrescentes, ultimus teres, *antice breviter solutus*, vix descendens; apertura parum obliqua, subcircularis, intus fulvida, nitida; perist. tenue, continuum, ad anfractum contiguum profunde emarginatum, caeterum modice expansum, superne lobulum triangularem, basi liberum, apice anfractum attingentem formans. — Operculum tenue, corneum, subseptemspiratum. — Diam. maj. 27½, min. 21½, alt. 12 mill. Apert. c. perist. 12½ mill. alta, 12 lata. (Coll. Nr. 35.)

Cyclophorus mexicanus var. Pfr. Mon. Pneum. Suppl. I. p. 55.
— — *Reeve* Conch. icon. t. 16. f. 73.

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*) „Operculum corneum, fusculum, septemspiratum, intus nitidum, medio breviter umbonatum, extus non nitens, anfractibus lamella brevi, acuta, perpendiculari notatis. — Anfractus ultimus testae interdum solutus."

Cyclophorus Salleanus Mart. in Malak. Bl. XII. 1865. p. 151.
— — *Strebel* in Abh. nat. Ver. Hamb. VI. 1. p. 9. t. 1. 1 a. f. 2. 2 a.
Cyrtotoma mexicanum Mörch, Pätel Catal. p. 119.

Habitat Cordova, Veracruz reipublicae mexicanae (Sallé).

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87. Parma Bens. † II. 55. III. 67. — Ceylon.
88. Cratera Bens. † II. 55. III. 67. — Ceylon.
89. Cadiscus Bens. † III. 67. — *Bens.* in Ann. and Mag. n. h. 3d. ser. V. p. 385. — *Cyclophorus Cadixus H. Nevill* in Enum. Helic. et Pneum. Ceyl. 1871. p. 4. — Ceylon.

§. 11.

90. ? guttatus (Cyclostoma) Pfr. I. 91. II. 56. III. 67. — Habitat? Conf. *Cyclotus subflammulatus Pfr.* Nr. 102.

§. 12.

91. tigrinus (Cyclostoma) Sow. (Coll. 36.) I. 72. II. 56. III. 67. — *Pätel* Cat. p. 120. — Ins. Philippin.
92. flavilabris Bens. † III. 68. — *Bens.* in Ann. and Mag. n. h. 3d. ser. VI. p. 193. — *Hanl. & Theob.* Conch. Ind. t. 1. f. 1. — Pegu.

93. **C. Martensianus Möllendorff.** †

„Testa peranguste umbilicata, turbinata, solidula, subtiliter striata, pallide fusco-cornea, fasciis multis fuscis plerumque interruptis (una latiore infra peripheriam plerumque integra); spira satis elevata, apice acutiusculo, fusco; anfractus 5 convexi, ultimus ventrosus, in adultis antice brevissime descendens; umbilicus angustus, subobtectus; apertura obliqua, subcircularis, intus albida; peristoma duplex (saepe multiplex), internum simplex, rectum, marginibus callo junctis, externum reflexiusculum, incrassatum, discontinuum. — Operculum corneum, subconcavum. — Diam. maj. 24,5, min. 20,5, alt. 22,5 mill.; apert. diam. 14, alt. 12,5 mill.“ (v. M.)

Cyclophorus Martensianus Möllend. in Jahrb. malak. Ges. I. 1874. p. 78. 120. t. 3. f. 3.

Habitat circa Kiukiang Chinae.

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94. Thersites (Cyclostoma) Shuttl. † II. 56. III. 68. — Ins. Philippin.
95. zebra (Cyclostoma) Grat. (Coll. 37.) I. 74. II. 57. III. 68. — *Pätel* Cat. p. 120. — Ins. Philippin.

96. Philippinarum (Cyclostoma) Sow. (Coll. 38.) I. 74. II. 57. III. 68. — *Pätel* Cat. p. 119. — Ins. Philippin.

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97. validus (Cyclostoma) Sow. (Coll. 39.) I. 77. II. 57. III. 68. — *Pätel* Cat. p. 120. — Ins. Philippin.

98. indicus (Cyclostoma) Desh. (Coll. 40.) I. 77. II. 57. III. 68. — *Pätel* Cat. p. 119. — Bombay.

99. cryptomphalus Bens. (Coll. 41.) II. 58. III. 68. — Ava Birmanorum.

100. altivagus Bens. II. 57. III. 68. — India meridionalis.

101. linguiferus (Cyclostoma) Sow. (Coll. 42.) I. 78. II. 57. III. 68. — *Pätel* Cat. p. 119. — Ins. Philippin.

102. canaliferus (Cyclostoma) Sow. (Coll. 43.) I. 78. II. 58. III. 68. — *Pätel* Cat. p. 119. — Ins. Philippin.

103. lingulatus (Cyclostoma) Sow. (Coll. 44.) I. 79. II. 58. III. 68. — *Pätel* Cat. p. 119. — Ins. Philippin.

104. appendiculatus (Cyclostoma) Pfr. (Coll. 45.) I. 90. II. 58. III. 68. — *Pätel* Cat. p. 119. — Ins. Philippin.

105. Nicobaricus (Cyclostoma) Behn. III. 68. — *Cyclophorus (Cyclohelix) Nicobaricus Mörch* in Journ. Conch. XX. 1872. p. 317. Synon.: *Cyclophorus trochoides Mörch (Pfr.* II. 58. III. 69): differentia principalis a specie sequente dens columellae et sinuositas suturalis.“ — Ins. Nicobar.

§. 13.

106. turbo (Trochus) Chemn. (Coll. 46.) I. 80. II. 58. III. 69. — *Pätel* Cat. p. 120. — *Helix turbo Gmel.* — *Cyclostoma turbo Sow.*, *maculosa Jay.* — *Turbo crocatus Born* Ind. p. 343, *Trochus crocatus Born* Test. p. 338. t. 12. f. 11. 12; *Cyclophorus (Cyclohelix) crocatus Mörch* in Journ. Conch. XX. 1872. p. 316. — Ins. Nicobar.

§. 14.

107. lutescens (Cyclostoma) Pfr. (Coll. 47.) I. 82. II. 59. III. 69. — Respubl. mexicana.

108. taeniatus (Cyclostoma) Pfr. II. 59. III. 69. — Sumatra.

109. Wahlbergi (Cyclostoma) Bens. (Coll. 48.) I. 416. II. 59. III. 69. — *Pätel* Cat. p. 120. — Natal.

110. tenebricosus (Cyclostoma) A. Adams & Reeve. I. 107. II. 76 (Leptopoma?). III. 69. — *Issel* Moll. Born. p. 69. — Borneo.

111. coeloconus (Cyclostoma) Bens. II. 59. III. 69. — *Pätel* Cat. p. 119. — Montes Nilgherries.

112. flammeus (Cyclostoma) Pfr. II. 76 (Leptopoma). III. 69. — *Leptopoma flammeum H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — Ceylon.

113. poecilus (Cyclostoma) Pfr. II. 76 (Leptopoma). III. 69. — *Leptopoma poecilum H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — Ceylon.

114. halophilus (Cyclostoma) Bens. (Coll. 49.) I. 118. II. 77 (Leptopoma). III. 69. — ? *Cyclophorus halophila A. Adams* in Proc. Zool. Soc. 1867. p. 314 (e Japonia. „An = *musiva Gould?*"). — *Leptopoma halophilum H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 120. — Ceylon.

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115. ? euomphalus (Cyclostoma) Phil. (Coll. 50.) I. 86. II. 60. III. 69. — *Ostodes? euomphalum Gould.* — Habitat?

116. margarita (Cyclostoma) Pfr. (Coll. 51.) I. 86. II. 60. III. 69. — *Ostodes? margarita Gould.* — *Cyclomorpha* *) *margarita Pease* in Proc. Zool. Soc. 1871. p. 476. — Ins. Gambier, Rapa.

117. ? cereus (Cyclostoma) Pfr. II. 60. III. 69. — Habitat?

118. cinereus Drouët. † III. 69. — Ins. Martinique.

119. C. ? Lilliputianus Morelet. †

„T. parvula, umbilicata, depresse turbinata, lamellis distantibus eleganter utrinque sculpta, nitida, hyalina, albida; spira late conoidea, apice obtusiuscula; anfr. 4 convexi, rapide crescentes, sutura profunda juncti, ultimus vix depressus; umbilicus mediocris, perspectivus; apertura recta, circularis, marginibus simplicibus, continuis, rectis. — Operculum? — Diam. maj. 4, min. 3, altit. $2^1/_2$ mill." (M.)

Cyclophorus Lilliputianus Morelet in Journ. Conch. XXI. 1873. p. 332.

Habitat in prov. Gabon Africae occidentalis.

§. 15.

120. C. amethystinus (Cyclotus) Guppy. †

„Testa turbinato-depressa, rubra vel straminea, subdiaphana; spiraliter striata, lineae incrementi rugosae; spira depressa, conoidea; anfr. 5, convexi, infra laeves, supra (in forma α) spiraliter lirati lineis angustioribus quam interstitiis eorum (in forma β laeves); umbilicus latus, profundus; apertura parum obliqua; peristoma simplex, continuum, breviter affixum, margine externo parum prominente. — Operculum corneum, diaphanum, externe concavum, interne cartilagineum. — Alt. $8^1/_2$ mill., lat. maj. 19, lat. min. 15 mill." (G.)

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*) *Cyclomorpha* (genus Cyclostominarum) *Pease* in Proc. Zool. Soc. 1871. p. 464. 476: „testa turbinata, subglobosa, solida, laevigata aut spiraliter striata, perforata; apertura fere circularis; peristoma simplex, subincrassatum, callo tenui continuum. — Operculum ei gen. *Omphalotropis Pfr.* simile." Conf. infra genus XLIX.

Cyclotus amethystinus Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 433.
Cyclophorus amethystinus Bland in Amer. journ. conch. IV. p. 190.

Habitat in insula Dominica Indiae occidentalis.

Obs. „Operculum non testaceum, anfr. 10—14 perangustis, marginibus lamellaribus subliberis. — Forma similis *C. Popayano.*"

121. C. bellus Martens. †

„Testa depresse turbinata, modice umbilicata, striatula et liris spiralibus parum elevatis, in anfractu ultimo supra peripheriam 9, infra eam nonnullis obsoletis sculpta, brunneoflava, strigis flexuosis castaneo-rufis picta; spira conica, apice prominente, papillari; anfr. 5, convexi, sutura profunda discreti, ultimus subangulatus, basi parum convexus, ad aperturam distincte descendens; apertura diagonalis, subcircularis, superne acutiuscula; peristoma rectum, obtusum, simplex, superne paulum, ad basin distincte productum. — Diam. maj. 11, min. 9, alt. 8; apert. diam. 5 mill." (v. M.)

Cyclophorus bellus Martens in Malak. Bl. XX. 1872. p. 159.
— — *Pfr.* Novit. conch. IV. p. 126. Nr. 830. t. 128. f. 10. 10 b.

Habitat in regione septentrionali insulae Celebes.

Obs. „Proxime affine *C. bellulo Mart.*, sed major, peristomate simplice, liris debilioribus, apertura obliquata, etc. discrepans."

122. C. Metcalfei Issel. †

„Testa turbinata, late umbilicata, solidula, oblique striatula et subtilissime costulata, carinis tenuibus 9, quarum sexta peripherica, sculpta, corneo-fusca, concolor vel lutescens, maculis fuscis supra suturam picta; spira exerta, conica; anfractus 6 convexi, sutura sat profunda separati, ultimus paululum descendens; apertura obliqua, circularis; peristoma continuum, tenue, distincte duplicatum: internum albescens, externum corneo-fuscum vel lutescens. Operculum? — Diam. maj. 8, min. 6; apert. long. 3, lat. $2^4/_5$ mill." (I.)

Cyclophorus Metcalfei Issel Moll. Born. 1874. p. 69. t. 6. f. 4—6.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

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123. strigatus (Cyclostoma) Gould. (Coll. 52.) I. 83. II. 61. III. 70. — *Mouss.* in Journ. Conch. XIII. 1865. p. 179 (injuncto *C. Apiae Recl.*). — *Pätel* Cat. p. 120. — *Ostodes strigatus Mouss.* in

Journ. Conch. XVII. 1869. p. 350. — *Ostodes* *) *plicatus var. Pease* in Proc. Zool. Soc. 1871. p. 475. — Ins. Upolu, Manua.

124. C. adjunctus (Ostodes) Mousson. †

„T. aperte umbilicata, depresso-conica, solidiuscula, striata, decussatim acute lirata, denudata, ossea. Spira obtuse conica; nucleolo non parvulo, granuliformi; sutura lineari, supra impressa. Anfr. 4½, subceleriter accrescentes, convexiusculi, spiraliter 3- vel 4-lirati; ultimus non descendens, carinatus, ad basin conico-planiusculus, liris 5, ultima umbilicari, subfiliformi, ornatus. Apert. paulo obliqua (25^0 cum axi), circularis, ossea. Perist. rectum, obtusulum; marginibus approximatis, callose junctis; dextro intus sublabiato; basali et columellari crassiusculis, antice loco carinae umbilicaris paulo impressis. Umbilicus cylindraceus, ad anfractum ultimum expansus, parietibus planis, striatis. — Operculum obscurum, corneum, tenue, extus concavum, intus medio prominulum. — Alt. 6, diam. 9 mill. — Rat. anfr. 2 : 1; rat. apert. 1 : 1." (M).

Ostodes adjunctus Mouss. in Journ. Conch. XVII. 1869. p. 351. t. 14. f. 9.

Habitat in insula Tutuila.

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125. tiara (Cyclostoma) Gould. I. 84. II. 60. III. 70. — *Mouss.* in Journ. Conch. XIII. 1865. p. 179. — *Pätel* Cat. p. 120. — *Ostodes tiara Gould.* — Ins. Navigatorum, Upolu.
126. ? albidus (Cyclostoma) Hombr. & Jacq. † II. 60. III. 70. — Ins. Samoa.
127. obligatus (Cyclostoma) Gould. I. 84. II. 61. III. 70. — *Pätel* Cat. p. 119. — *Cyclophorus obliquatus H. & A. Adams.* — *Ostodes obligatum Gould.* — Ins. Societatis.

128. ? C. biangulatus Pease. †

„C. testa parva, ovato-conica, solidiuscula, fusca, anguste umbilicata, costulis granulosis et striis subtilissimis cincta; anfr. ultimo carinis duabus biangulato, ad angulos granulose costato; perist. continuo, ad anfr. penultimum vix adnato; regione umbilicali late sulcata et distincte carinata, costa granulosa marginata; apertura circulari, intus albida. — Long. 3, diam. 2½ mill." (P.)

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*) *Ostodes* (genus Cyclophorinarum) *Pease* in Proc. Zool. Soc. 1871. p. 464. 475: „operculum tenue, membranaceum, circulare, margine tenuissimo, lacerato; extus fornicato-convexum, nitidum; multispirale; anfr. 8—10, lente accrescentes, fere aequales; sutura linearis, nucleo centrali; apex vix elevatus, papillatus; subtus regulariter concava."

Cyclostoma biangulatum Harper Pease in Proc. Zool. Soc. 1864. p. 674.
Cyclophorus biangulatus (Ostodes) *Mart. & Langk.* Don. Bismark. p. 58. t. 3. f. 16.

Habitat in ins. Hervey.

Obs. 1. „Species ad eundem typum pertinere videtur ac *C. obligatum Gould.*" (Ps.)

Obs. 2. Verosimiliter ad genus *Cyclomorpham Pease* (vid. infra inter Realiea) referendum. (Martens in Günther's Record of zoological literature 1871. p. 162.)

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129. plicatus Gould. (Coll. 53.) I. 83. II. 61. III. 70 (*Apiae*). — *Cyclostoma plicatum Gould, Apiae Recl., pulverulentum Phil.* — *Ostodes plicatum Gould.* — *Cyclophorus Apiae Pätel* Cat. p. 119. — Ins. Pacif.

130. ? Gassiesi (Cyclostoma) Souv. † III. 70. — An = praeced.? — Habitat?

131. C. Upolensis Mousson. †

„T. late umbilicata, conoideo-depressa, carinata, transversim striata, late subundulata, decussatim fortiter sulcata, alba, oblique fusculo-radiata, epidermide fere destituta. Spira obtusa, convexa, regularis; summo satis magno, obtuso; sutura simplici, impressa. Anfr. $4^1/_2$, striis concentricis 6—8 perspicuis, paulo celeriter accrescentes; ultimus non descendens, in peripheria et ad umbilicum filoso-angulatus, intervallo plano, sublaevi. Apertura vix obliqua, circularis. Perist. rectum, acutum, marginibus conniventibus, fere junctis. Umbilicus perspectivus, $^1/_2$ diametri aequans, infundibuliformis. — Diam. maj. $7^1/_2$, min. $6^2/_3$, altit. 4 mill. — Rat. anfr. 5:2. Rat. apert. 1:1." (M.)

Cyclophorus Upolensis Mouss. in Journ. Conch. XIII. 1865. p. 180.
— — *Pätel* Catal. p. 120.
Ostodes Upolensis Mouss. in Journ. Conch. XVII. 1869. p. 352.

Habitat Upolu insularum Samoa (Gräffe).

Obs. An *C. diatreto Gould* affinis?

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132. orophilus (Cyclostoma) Bens. II. 77 (Leptopoma). III. 71. — *Leptopoma orophilum H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 120. — Ceylon.

133. malleatus Blanf. † III. 71. — Montes Shevroy Indiae.

134. conulus (Cyclostoma) Pfr. II. 77 (Leptopoma). III. 71. — *Leptopoma conulus H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — Ceylon.

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135. parvus (Cyclostoma) Sow. I. 85. II. 61. III. 71. — Ins. Philippin.
136. cuspidatus (Cyclostoma) Bens. II. 62. III. 71. — Craspedotropis *Blanford* in Ann. and Mag. n. h. 3d. ser. XIII. p. 454. — Montes Nilgherries.
137. ? Cytora Gray. I. 86. II. 62. III. 71. — Nova Seelandia.

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138. acutiliratus Drouet. † III. 71. — Ins. Martinique.
139. trochlea (Cyclostoma) Bens. I. 205. II. 116 (Cyclostomus). III. 72. — *Jerdonia trochlea Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 448. — Montes Nilgherries.

140. C. ? Phayrei (Jerdonia) Theobald. †

„Testa parva, turbinata, perforata; apice exserto; anfractibus quinque, angulariter quadratis, convexe planatis, bicarinatis: carina quaque plurimis setis regulariter radiatim parumque sursum inclinatis armata, hac peripheriali, illa ad suturam posita, in ultimo anfractu tantum carinis duabus solutis apparentibus; area circumumbilicari duabus carinis filiformibus circumdata, umbilicum valde profundum coarctantibus. Epidermide vix scabriuscula, fusca, ad aperturam leviter striata. Apertura subcirculari, integra, haud obliqua; peristomate prope marginem superiorem breviter expanso. — Operc.? — Diam. maj. 0,13, min. 0,10, alt 0,12 unc.“ (Th.)

Jerdonia (?) Phayrei Theob. in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 396.

Habitat „Shân states“, valle superiori Salwin.

Obs. „Genus dubium ob operculi cognitionem deficientem, forsan *Cyathopomati* adnumerandum?“

§. 16.

141. maculosus (Cyclostoma) Sow. (Coll. 55.) I. 91. II. 62. III. 72. — Habitat?
142. deplanatus (Cyclostoma) Pfr. II. 62. III. 73. — *Pätel* Cat. p. 119. — Montes Koondah Indiae.
143. stenostomus (Cyclostoma) Sow. (Coll. 56.) I. 92. II. 63. III. 72. — *Pätel* Cat. p. 120. — India.
144. loxostomus (Cyclostoma) Pfr. I. 93. II. 63. III. 72. — *Pätel* Cat. p. 119. — Ceylon.
145. Cytopoma Bens. † III. 72. — Ceylon.

146. C. Vieillardi (Cyclostoma) Gassies. †

„Testa umbilicata, conico-discoidea, convexa, solida, epidermide lutea induta, sub epidermide calcarea, transversim

irregulariter striolata, longitudinaliter costata; costis acutis numerosis, 21—27, ad apicem evanescentibus; spira vix elevata; sutura profunda, canaliculata; anfractus 5 convexi, regulariter accrescentes, ultimus descendens; umbilicus latus, infundibuliformis; apertura parum obliqua, subcircularis, superne angulata, intus alba; peristoma continuum, subincrassatum, roseo-luteum. — Operculum corneum, subplanum, nucleo subcentrali; concentrice spiratum. — Diam. maj. 18—20, min. 15—17, alt. 10—11 mill. Apert. 7 mill. longa, 8 lata.“ (G.)

Cyclostoma Vieillardi Gass. in Journ. Conch. XVIII. 1870. p. 144.

Habitat in Nova Caledonia (Magen, Déplanches, Vieillard).

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147. ? Ammonis (Cyclostoma) Gassies. † III. 73. — Nova Caledonia.

148. C. Inglisianus Stoliczka. †

„Cycl. testa subdiscoidea, late umbilicata; anfractibus $4^1/_2$, primo depresso, albido, laevigato, caeteris teretibus, paululum in amplitudine crescentibus, sordide lutescente albescentibus, strigis fuscis, supra retrorse angulatis, ad peripheriam rotundatam ult. anf. fascia castanea intersectis, notatis, epidermide pallide transversim rugulatim striata indutis; suturis profundis, simplicibus; apertura paulum descendente et obliqua, circulari, marginibus junctis, paululum incrassatis, haud dilatatis, supra prope suturam leviter insinuatis. Operculo corneo, tenui, circulari, anfractibus 7 extus paulo lamelliforme exstantibus composito, medio depressiusculo, intus polito, medio submammillato. — Diam. maj. 9, min. 7,5, alt. totius testae 5, alt. anfr. ult. prope aperturam 3, diam. apert. 2,7 mill.“ (St.)

Cyclophorus Inglisianus (Myxostoma) *Stol.* in Journ. As. Soc. Beng. XL. 2. 1871. p. 148. t. 6. f. 1.

Habitat Damotha prope Moulmein.

§. 17.

149. ? purus (Cyclostoma) Forbes. I. 93. II. 63. III. 73. — *Pätel* Cat. p. 119: Columbia occident. — America centralis.

150. Cumingi (Cyclostoma) Sow. (Coll. 57.) I. 94. II. 63. III. 73. — *Pätel* Cat. p. 119. — *Cyclostoma striata Lea.* — Columbia.

151. C. delphinulus Mousson.

„T. late umbilicata, depressa, subdiscoidea, spiraliter indistincte subsulcata, albescens, fasciis duabus, infera et supera,

nitidissimis, fusco-nigris, altera subsuturali cretacea cincta. Spira parum elevata; summo prominulo, corneo; sutura subappressa, non profunda. Anfr. $5^1/_2$, mediocriter accrescentes, satis convexi, ad suturam plani vel subconcavi; ultimus non descendens, supra concave-declivis, tum rotundatus, non angulatus, in pariete umbilici aperti insigne filo-bicarinatus, intervallo planiusculo, striato. Apert. vix obliqua (20° cum axi), subcircularis, superne angulata, intus fasciis translucentibus. Perist. rectum, acutum; marginibus perapproximatis, lamina tenui junctis; dextro supra arcuatim protracto, angulose-arcuato; basali et columellari subsinuatis; hoc obtusiusculo. Umbilicus perspectivus, $^1/_2$ diametri subaequans. Operculum corneum, tenue, paulo concavum, lamellose et lacerate arctispirum. — Diam. maj. 20, min. 17, alt. 12 mill. — Rat. anfr. 2:1. — Rat. apert. 1:1.“ (M.)

Cyclophorus delphinulus Mouss. in Malak. Bl. XVI. 1869. p. 180.
— — *Pfr.* Novit. conch. IV. p. 130. Nr. 835. t. 129. f. 7—10.

Habitat in Columbia (Wallis).

Obs. Species proxime affinis *C. Cumingi Sow.*, sed minor et altior, praesertim colore et sculptura discrepans.

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152. Montrouzieri (Cyclostoma) Souv. (Coll. 58.) III. 73. — *Gassies* Faune Nouv. Caléd. p. 74. t. 2. f. 7. — Ins. Art Novae Caledoniae.

153. C. Hidalgoi Crosse. †

„T. umbilicata, conoideo-depressa, solida, crassiuscula, sub epidermide fulvo-castanea, sublaevi, nitida, sordide albida; spira parum elevata, vertice subplanato, roseo-violaceo; sutura impressa; anfr. $4^1/_4$ modice convexi, ad suturam depresso-planati, primi 2 decorticati, laeves, roseo-violacei, penultimus spiraliter obsolete striatus, ultimus teres, sublaevis, lineis spiralibus, numerosis, fuscis obscure cinctus, subtus circa umbilicum latum, profundum, pervium rugis longitudinalibus, subito evanidis, peculiariter impressus; apert. obliqua, irregulariter rotundata, squalide albida, intus livida; peristoma simplex, rectum, crassiusculum, marginibus approximatis, callo brevi junctis. — Operculum corneum, rotundum, pagina externa concaviuscula, lamellosa, interna medio papillata, cingulo concavo papillam circumcingente. — Diam. maj. 27, min. 23, alt. 12 mill.; apert. 11 mill. alta, 10 lata.“ (C.)

Cyclophorus Hidalgoi Crosse in Journ. Conch. XIV. 1866. p. 354. t. 14. f. 4.

Habitat in republica Aequatoris.

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154. ? haematomma Pfr. III. 74. — Respubl. Aequatoris.

155. C. Crosseanus Hidalgo. †

„T. umbilicata, subconoideo-depressa, superne spiraliter sulcata, inferne laevigata, sub epidermide decidua nigricante-castanea, albida; spira parum elevata, vertice nudo; anfr. 5, ad suturam planiusculi, deinde convexiusculi, ultimus subdepressus, antice non solutus, supra spiraliter sulcatus, subtus laevigatus, crista funiformi, umbilicum latiusculum limitante munitus; apert. obliqua, rotundato-ovalis, superne angulata; perist. simplex, rectum, marginibus approximatis, callo brevi junctis, sinistro levius curvato, ad cristam umbilicalem sinuato. — Operculum corneum, arctispirum, extus concavum, margine anfractuum lamelloso, minute radiatim striato. — Diam. maj. 25, min. 21, alt. 12 mill.“ (H.)

Cyclophorus Crosseanus Hidalgo in Journ. Conch. XIV. 1866. p. 343. t. 14. f. 1; Col. Mem. p. 5.

Cyclotus Crosseanus Pätel Catal. p. 118.

Habitat in republica Aequatoris.

Obs. „Similis *C. haematommati Pfr.*, sed depressior, major, striis spiralibus obsoletioribus et apertura superne angulosa distinguendus.“

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156. Forbesianus (Cyclostoma) Pfr. II. 63. III. 74. — *Pätel* Cat. p. 119. — Nov. Hebrid.
157. Couderti (Cyclostoma) Fisch. & Bern. (Coll. 59.) II. 63. III. 74. — *Pätel* Cat. p. 119. — Nova Caledonia? Negante *Gassies* Faune Nouv. Caléd. p. 77. Conf. *Crosse* in Journ. Conch. XIX. 1871. p. 184: Nov. Hebrid.?
158. alternans (Cyclostoma) Pfr. I. 94. II. 64. III. 74. — Madagascar.

159. C. Bocageanus (Cyclostoma) Gassies. †

„Testa umbilicata, depressa, solida, sub epidermide luteo-rubra, strigis sinuosis irregularibus, circumsulcata; spira vix elevata, sutura profunda; anfractus 5 depresso-convexi, regulariter accrescentes; umbilicus latus, infundibuliformis; apertura parum obliqua, subcircularis, intus rubra; peristoma continuum, subincrassatum, luteum; operculum concavum, corneum, spiris concentricis, nucleo mammillato prominente. — Diam. maj. 20, min. 16, alt. 12 mill.“ (G.)

β. Grisea, fere unicolor.

Cyclostoma Bocageanum Gass. Faun. Nouv. Caléd. 1863. p. 76. t. 2. f. 8.

Habitat Tuo, Art, Lifu Novae Caledoniae.

Obs. Dimensiones erroneae descriptionis originariae correctae in Journ. Conch. XIV. p. 50 adnot.

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160. Bourcieri (Cyclostoma) Pfr. (Coll. 60.) I. 95. II. 64. III. 74. — Respubl. Aequatoris.
161. Guayaquilensis (Cyclostoma) Sow. I. 95. II. 64. III. 74. — Guayaquil.
162. psilomitus (Cyclostoma) Pfr. I. 96. II. 64. III. 74. — Venezuela.
163. rufescens (Cyclostoma) Sow. (Coll. 61.) I. 96. II. 64. III. 74. — *Pätel* Cat. p. 119. — Martinique.
164. Schrammi (Cyclostoma) Shuttl. † II. 64. III. 74. — Guadeloupe.
165. Artensis (Cyclostoma) Montrouz. † III. 75. — *Gassies* Faune Nouv. Caléd. p. 74. t. 2. f. 6. — Nova Caledonia.
166. liratus Drouët. † III. 75. — Martinique.

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167. fornicatus (Cyclostoma) Pfr. I. 97. II. 64. III. 75. — Nov. Hebrid.
168. liricinctus (Cyclostoma) Bens. † II. 64. III. 75. — *Cox* Mon. Austr. landsh. p. 97. t. 16. f. 4 (ex Reeve). — Australia.
169. ? orbiculatus (Cyclostoma) Bens. † II. 65. III. 75. — *Cox* Mon. Austr. landsh. p. 98. t. 16. f. 5 (ex Reeve). — An praecedentis var.? — Australia.
170. ? Gayi (Cyclostoma) Hupé † II. 65. III. 75. — Chile.

§. 18.

171. ponderosus (Cyclostoma) Pfr. I. 97. II. 65. III. 75. — Guatemala.
172. Boucardi (Cyclostoma) Sallé. (Coll. 62.) II. 65. III. 75. — *Pätel* Cat. p. 119. — Respubl. mexicana.
173. texturatus (Cyclostoma) Sow. I. 97. II. 66. III. 75. — Guatemala.
174. Cayennensis (Cyclostoma) Shuttl. † II. 66. III. 75. — Cayenne.

175. **C. ? Leonensis Morelet. †**

„T. late umbilicata, depressa, tenuis, opaca, fulvo-cornea, plicis distantibus, obliquis ornata; spira convexiuscula, sursum depressa; anfr. 4 convexi, rapide crescentes, sutura profunda juncti; umbilicus perspectivus; apertura vix obliqua, circularis; perist. simplex, acutum, rectum, continuum. — Operculum? — Diam. maj. 7, min. $5^1/_2$, altit. $3^1/_2$ mill.“ (M.)

Cyclophorus Leonensis Morelet in Journ. Conch. XXI. 1873. p. 331.

Habitat Sierra Leone Africae occidentalis.

§. 19.

176. annulatus (Cyclostoma) Trosch. (Coll. 63.) I. 98. II. 66. III. 76. — *Pätel* Cat. p. 119. — *Cyclostoma discus Sow.* — Ceylon.

177. Thwaitesi (Cyclostoma) Pfr. II. 66. III. 76. — Ceylon.
178. Parapsis Bens. (Coll. 64.) II. 66. III. 76. — Ceylon.
179. ravidus (Cyclostoma) Bens. I. 99. II. 67. III. 76. — Montes Nilgherries.
180. ? disculus (Cyclostoma) Pfr. I. 99. II. 67. III. 76. — Habitat?
181. Beauianus (Cyclostoma) Petit. (Coll. 65.) II. 67. III. 76. — *Pätel* Cat. p. 119. — *Cyclostoma inornatum Redf.* — Guadeloupe.
182. Shiplayi (Cyclostoma) Pfr. II. 68. III. 76. — Montes Nilgherries.
183. ? Moricandi (Cyclostoma) Pfr. (Coll. 66.) I. 100. II. 68. III. 76. — *Pätel* Cat. p. 119. — *Cyclostoma disjunctum Morelet.* — *Cyclopoma disjunctum Trosch.* — Brasilia.
184. convexiusculus (Cyclostoma) Pfr. II. 68. III. 76. — *Pätel* Cat. p. 118. — Promont. Bonae Spei.

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185. cornu venatorium (Cyclostoma) Sow. (Coll. 67.) II. 69. III. 76. — *Pätel* Cat. p. 119. — *Aulopoma? cornu venatorium Pfr.* olim. (I. 53.) — Ava.

§. 20.

186. C. Martinezi Hidalgo.

T. latissime umbilicata, planorboidea, utrinque fere aequaliter subexcavata, confertim striata lineisque spiralibus sub lente decussata, fulva, strigis pallidis irregulariter radiata; sutura mediocris, marginata; anfr. 4—4½ convexiusculi, modice accrescentes, ultimus ad peripheriam carinis 4 acutiusculis munitus, in interstitiis conferte spiraliter striatus, antice non descendens; apertura verticalis, circularis; perist. tenue, rectum, continuum, anfractui contiguo breviter adnatum, margine dextro carinis denticulatum. — Operc. pallidum, tenuiusculum, arctispirum. — Diam. maj. 22, min. 17, alt. centro 4, anfr. ult. (= apert. diam.) 7½ mill. (Coll. Mousson.)

Cyclophorus Martinezi Hidalgo *) in Journ. Conch. XIV. 1866. p. 273. t. 8. f. 5; Col. Memor. p. 4.
— — *Pfr.* Novit. conch. IV. p. 131. Nr. 836. t. 129. f. 11—14.

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*) „T. depressissima, planorboidea, utrinque concava, sublaevigata, ad peripheriam spiraliter lirata et striata, sub epidermide fulva, utrinque fusco latizonata et paululum decidua, albida; spira immersa; anfr. 4¼, modice convexi, ultimus rotundatus, ex utroque latere subdepressus, antice teres, non solutus, ad peripheriam valide quadriliratus; apertura circularis, albida; peristoma simplex, margine columellari adnato. — Operc. arctispirum, corneum, rotundatum, extus concavum, nucleo centrali. — Diam. maj. 22, min. 18, alt. 6½ mill. — Baeza reipubl. Aequatoris.“ (Hid.)

Aperostoma Montezumi (Buckleyia)) Higgins* in Proc. Zool. Soc. 1872. p. 686. t. 56. f. 7. 7 a.
Buckleya Martinezi „Crosse" Mouss. in Malak. Bl. XXI. 1873. p. 17.
— — *Pätel* Catal. p. 118.

Habitat in republica Aequatoris (Hidalgo, Buckley).

Obs. Operculum pallidum corneum tamen aspectum testaceum offert.

187. **C. bifasciatus (Buckleya) Mousson.**

„T. regulariter planorboidea; utrinque concava, tenuiscula, transversim striata, spiraliter confertim sed leniter sulcata, nitidula, flavescenti-cornea, in dorso fusco-nigro trilineata, fasciis duabus albis interpositis. Spira regulariter plane voluta, aeque concava; nucleolo laevigato albido; sutura profunda. Anfr. $4^1/_2$, teretes, ultimus major, in linea dorsali et utrinque in fasciarum marginibus leviter quinquangulatus. Apert. verticalis, perfecte circularis. Perist. rectum, acutum, dorso cum $^1/_8$ peripheriae adnatum. — Diam. maj. 22, min. 17, altit. (apert.) 9 mill. — Rat. anfr. 2:1. — Rat. apert. 1:1." (M.)

Buckleya bifasciata Mouss. in Malak. Bl. XXI. 1873. p. 17.
Cyclophorus bifasciatus Pfr. Novit. conch. IV. p. 132. Nr. 837. t. 129. f. 15—18.

Habitat Bogota.

Obs. Differt a *C. Martinezi* spira rapidius accrescente, quare excavatione utraque profundiore, anfractibus convexioribus, liris spiralibus periphericis parum prominentibus et coloribus.

§. 21.

Subgenus **Lagocheilus Blanford**).**

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188. scissimargo Bens. II. 61. III. 76. — Lagocheilus *Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 452. — Tenasserim Birmaniae.
189. tomotrema Bens. † II. 50. III. 76. — Lagocheilus *Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. p. 452. — *Lagocheilus tomotrema Stoliczka* in Journ. As. Soc. XLI. Pt. 2. p. 269. — *Hanl. & Theob.* Conch. Ind. t. 6. f. 8. — Montes Khasia Indiae.

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*) *Buckleyia* (subgenus Aperostomatis) *Higgins*: „Testa discoidea, tenuiter utrinque excavata, omnes anfractus exhibens, carinis quatuor circumdata, epidermide decidua induta; apertura verticalis, circularis, continua, ad anfractum penultimum adnata; perist. tenui, recto, acuto."

**) *Lagocheilus* (subgenus Cyclophori) *Blanf.* in Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 452; *Pfr.* III. 76 not. — Genus Lagocheilidarum *Stoliczka* in Journ. As. Soc. XLI. Pt. 2. 1872. p. 269: „Shell conoid subturbinate and perforated, thin, covered with a horny cuticle; aperture round with a narrow incision in the upper or posterior angle; operculum thin, horny, multispiral. Animal of the usual Cyclophorid type, but with a glandular slit at the upper posterior end of the foot."

190. C. leporinus Blanford. †

„Testa anguste umbilicata, conico-turbinata, tenuis, obscure cornea, undique oblique striata et lineis elevatis spiralibus ad peripheriam et in umbilico confertioribus notata; spira conica, apice acutiusculo; anfr. $5^1/_2$, rotundati, ultimus cylindricus, non descendens; apertura obliqua, subcircularis, superne angulata; perist. simplex, incrassatum, subexpansum, angulo supero incisum, margine columellari retrorsum curvato. — Operculum corneum, griseo-albidum, multispirale. — Diam. maj. 4, min. $3^1/_2$, axis 4 mill.“ (B. angl.)

Cyclophorus leporinus (Lagocheilus) *W. T. Blanf.* Contrib. to Ind. Malac. V. 1865. p. 18.

Lagocheilus leporinus Stoliczka in Journ. As. Soc. XLI. Pt. 2. p. 269.

Habitat Akoutoung, Pegu.

191. C. trochoides (Lagocheilus) Stoliczka. †

„L. testa turrito-conica, sub-anguste umbilicata; anfractibus 6, sutura profunda simplici junctis, primis duobus convexis, ceteris supra medium angulatis, ultimo biangulato; omnibus cuticula opaco-fusca indutis, transversim striolatis, spiraliter striatis, striis filiformibus: duabus in anfractu penultimo supra angulum subdistantibus, infra angulum 4—5 approximatis; in anfractu ultimo angulis duobus ad intervalla breviter ciliatis; basi in adultis prope peripheriam et ad umbilicum, in junioribus omnino, confertim striata; testa sub cuticulam albida, ad apicem rubescente; apertura rotundata, modice obliqua, in angulo superiore vel postico distincte incisa, bilabiata: labio interno breviore, violaceo tincto, externo fere plane expansiusculo, in facie concentrice striolata, ad marginem externum atrato. — Operculum multispiratum, tenue, corneum. — Diam. maj. 10, min. 8, alt. testae 9,6, diam. apert. int. 4,2, externae 5 mm.“ (St.)

Lagocheilus trochoides Stol. in Journ. As. Soc. Beng. XLI. Pt. 2. 1872. p. 270. t. 10. f. 15.

Habitat in insula Penang (Prince of Wales island).

192. C. striolatus (Lagocheilus) Stoliczka. †

„L. testa turrido-conoidea, anguste umbilicata; anfractibus $5^1/_2$ convexis, sutura simplici junctis, ultimo ad peripheriam inferiorem vix angulato; apice laevigato, olivaceo; anfr. ceteris cuticula fusca vel brunnea indutis, transversim oblique subdistanter, et spiraliter densissime striolatis; basi sublaevigata vel subobsolete spiraliter striatula; apertura ampla, subcirculari,

peristomate postice ad angulum profunde inciso, infra ad latus basale conspicuiter producto, bilabiato, labio interno in junioribus violaceo, in adultis ad marginem albido, externo undique fere aequaliter planeque dilatato, corneo. — Operculum tenue, corneum, multispiratum. — Diam. maj. 6, min. 5, alt. testae 6,6, diam. apert. int. 2,6, ext. 3,2 mm.“ (St.)

Lagocheilus striolatus Stol. in Journ. As. Soc. XLI. Pt. 2. 1872. p. 271. t. 10. f. 16.

Habitat in insula Penang.

§. 22.

Subgenus **Ditropis Blanford** *).

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193. **C. planorbis Blanford.** †

„Testa latissime umbilicata, depressa, discoidea, vitrea, tenuis, olivacea, glabra, obsolete striatula, polita. Spira plana, nucleo non exserto, saepe eroso, sutura impressa, ad anfractum ultimum et supra et in umbilico costa sublate intus marginata. Anfr. 4—4$^1/_2$, convexi; ultimus antice vix descendens subquadrangularis, supra atque subtus convexus, carinis duabus validis circumdatus, una ad peripheriam, altera juxta basin ad latus externum. Umbilicus perspectivus, omnes anfractus exhibens. Apertura obliqua, sub-quadrata, intus albido-labiata; peristoma incrassatum, rectum, non expansum. — Operculum intus convexum, extus concavum, marginibus anfractuum externorum laciniatim elongatis. — Diam. maj. 7—8$^1/_2$, min. 5$^1/_2$—7, alt. 1$^1/_2$—2 mill. Ap. diam. fere 1$^1/_2$—1$^3/_4$ mill.“ (Bl.)

Cyclophorus planorbis (Ditropis) *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 126. t. 16. f. 1. (Contrib. to Ind. Malac. X. 1869.)

Habitat „Calcad hills“ ad fines provinciae Travancore in India meridionali.

194. **C. Beddomei Blanford.** †

„Testa latissime umbilicata, depressa, discoidea, tenuis, olivacea, confertissime striata, parum nitida, spiraliter costata.

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*) *Ditropis W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. 1869. Pt. 2. p. 126: „testa translucens, subvitrea, epidermide olivacea nitida instructa, carinis duabus, vel pluribus, una ad peripheriam, altera subtus ab illa interspatio discreta circumdata. Operculum corneum, arctispirum, duplex, lamina interna membranacea, externa crassiuscula, marginibus anfractuum liberis, ambabus sulco marginali disjunctis.“

Spira plana, sutura valde impressa. Anfr. circa 4, (primo in exemplo unico deficienti), convexi, primi fere glabri; penultimus costis 2—3, supra una, infra in umbilico juxta suturam ornatus, ultimus antice descendens, teres, juxta suturam et subter peripheriam glaber, 7-costatus, costis 4 superioribus, quarum extera ad peripheriam, 3 basalibus ab superis intervallo disjunctis. Umbilicus perspectivus. Apertura diagonalis, rotunda; peristoma simplex, rectum, breviter adnatum, nigrescens, intus tenuiter albido-labiatum. — Operculum fusco-corneum, intus convexum, limbo tenuissimo circumdatum, extus concaviusculum, marginibus anfractuum parum elevatis. — Diam. maj. 8, min. $6^3/_4$, axis $2^1/_2$; apert. diam. intus 2 mill." (Bl.)

Cyclophorus Beddomei (Ditropis) *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 127. t. 16. f. 2. (Contrib. to Ind. Malac. X. 1869.)

Habitat Travancore Indiae meridionalis.

195. C. convexus Blanford. †

„Testa aperte umbilicata, depresso-convexa, tenuis, nitida, vitrea, glabra, olivacea, minutissime et obsolete decussato-striatula. Spira convexa; apice obtuso; sutura impressa, intus marginata. Anfr. 4, convexi; ultimus versus aperturam paullum descendens, teres, juxta suturam fascia lata fusca pictus, extus pallidior, carina una valida ad peripheriam, altera ad basin circumdatus. Umbilicus perspectivus, omnes anfractus exhibens, confertim spiraliter liratus. Apertura obliqua, rotunda; peristoma rectum, simplex, incrassatum atque continuum. — Operculum fusco-corneum, persimile illi *C. planorbis,* marginibus externis anfractuum laciniatim productis. — Diam. maj. $6^1/_2$, min. $5^1/_2$, axis $3^1/_2$, apert. diam. intus $2^1/_4$ mill." (Bl.)

Cyclophorus convexus (Ditropis) *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 128. t. 16. f. 3. (Contrib. to Ind. Malac. X. 1869.)

Habitat in montibus „Calcad Hills" prov. Travancore Indiae meridionalis.

§. 23.

Subgenus **Euptychia Crosse & Fischer** *).

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*) *Euptychia* genus novum *Crosse & Fisch.* in Journ. Conch. XXI. 1873. p. 156; XXII. 1874. p. 77: „Testa umbilicata, globoso-turbinata, tenuiuscula, longitudinaliter striata, haud nitens, epidermide tenuissima, de-

196. **C. ? metabletus (Euptychia) Crosse & Fischer.** †

„Testa umbilicata, globoso-turbinata, tenuiuscula, subtranslucida, haud nitens, striis vix obliquis, sat confertis, validis longitudinaliter impressa, sub epidermide tenui, partim decidua, pallide luteo-straminea cinnamomeo-fulvida; spira turbinato-conica, apice obtusulo; sutura leviter impressa; anfr. $6^1/_2$—7 convexi, sat rapide accrescentes, embryonales 2 laevigati, corneo-fusci, ultimus subascendens, magnus, lamellis 6—8 longitudinalibus, compressis, prominentibus, pone marginem externum elegantissime ornatus, infra peripheriam interdum fusco obscure uni- aut bizonatus, basi circa umbilicum anguste infundibuliformem rotundatus; apertura subovato-circularis, intus saturate nigricans; perist. breviter expansum (interdum lamella vicina subduplicatum), in adultis speciminibus continuum, saturate nigricans, in vicinio anfractus penultimi subangulatum. — Operculum subovale, cartilagineo-corneum, planiusculum, medio subincrassatum, ad marginem attenuatum, acutum, corneo-rufescens; limbus subangulatus; nucleus subexcentricus; anfr. 5 sensim accrescentes; pagina externa obsolete striato-plicatula, interna granosa, parum nitens, versus marginem laevigata. — Diam. maj. 27, min. 21, alt. 25 mill. Apert. 13 mill. longa, 12 lata.

β. Pallidior, zona destituta, apertura et peristomate aurantio-fulvis. — Diam. maj. 26, min. 21, alt. 25 mill. Apert. 13 mill. longa, 12 lata.“ (Cr.)

Euptychia metableta Crosse & Fisch. in Journ. Conch. XXI. 1873. p. 157; XXII. 1874. p. 80. t. 1. f. 5.

Habitat in insula Madagascar.

Species quarum descriptiones non vidi.

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cidua partim obtecta; spira turbinato-conica, apice obtusulo; sutura subimpressa; anfractus convexi, ultimus subascendens, magnus, lamellis longitudinalibus, compressis, prominentibus, pone marginem externum elegantissime ornatus; apertura subovato-circularis; peristoma breviter expansum, in adultis continuum, in vicinio anfractus penultimi subangulatum. — Operculum vide in descriptione speciei. — Animal? — Forma insignis testa et operculo inter Cyclophoros et Cyclostomata (genera inter se animalis structura discrepantia) quasi media. Operculum operculo generis Cyclostomatis forma subovali et anfractibus simillimum, sed corneum nec testaceum. Testa tenuitate, colore et aspectu Cyclophoris sat vicina, charactere peculiari lamellarum anfractus ultimi gaudet. (*Cyclophorus foliaceus Ch.* eodem charactere paululum gaudet, sed operculo typum generis Cyclophori omnino exhibente valde discrepat.)“

Cyclophorus

Kandyanus H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 6.
recognitus H. Nevill ibid. p. 4.
arthriticus Theob. Conch. Ind.

XXV. Leptopoma Pfr.

Pfr. Mon. Pneum. I. p. 101; II. p. 69; III. p. 76. — *Blanford* in Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 454. — *Martens* Ostas. Zool. II. 1867. p. 143. — *Pätel* Catal. 1873. p. 17. 120.

Genus *Dermatocèra H. & A. Adams (Pfr.* Pneum. II. p. 77; III. p. 85) observatione erronea ortum videtur, quare Leptopomati iterum injungendum, sed ipsum genus *Leptopoma* a Cyclophoro vix characteribus sufficientibus dignoscendum illique forsan melius inserendum.

Conspectus specierum.

A. Peristomate reflexo.
- I. Ecarinatae . . . . §. 1. Nr. 1 —21.
- II. Carinatae,
  - a. globoso-conicae.
    - *α.* Carina levi . . . . . . §. 2. — 22—40.
    - *β.* Carina acuta . . . . §. 3. — 41—51.
  - b. conicae . . . . §. 4. — 52—64.

B. ? Peristomate simplice recto . . §. 5. — 65.

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§. 1.

1. vitreum Less. (Coll. 1.) I. 101 (Leptopoma). II. 78. III. 85 (Dermatocera). — *Martens* Ostas. Zool. II. p. 66. 143. t. 4. f. 2. 4. 5. 6. 7 (injunctis *L. pulicario, globuloso* et *cinctello Pfr.*). — *Cyclostoma vitrea Less., lutea Quoy & Gaim., nitidum Sow., maculosa Soul.?* — *Cyclophorus vitreus Mörch.* — *Dermatocera vitrea H. & A. Adams, Wallace* in Proc. Zool. Soc. 1865. p. 414: ins. Aru, Macassar. — *Cox* Mon. Austr. landsh. p. 98. t. 16. f. 2. 2 a. 3. — *Pätel* Cat. p. 120. — *Leptopoma luteum* et *nitidum Pätel* Cat. p 120. — Var. minor, tenuissima: *Cyclostoma fragile Sow.* teste *Mouss.* Jav. p. 57. — *Leptopoma fragile Mörch* in Journ. Conch. XX. 1872. p. 317: ins. Nicobar. — Ins. Philippin., Java.

2. pellucidum Grat. (Coll. 2.) I. 103 *(perlucidum)*. II. 70. III. 77. — *Pätel* Cat. p. 120. — *Cyclostoma pellucida Grat., concinnum Sow.* — *Cyclophorus concinnus Mörch.* — Ins. Philippin.
3. latelimbatum (Cyclostoma) Pfr. (Coll. 3.) I. 106. II. 72. III. 77. — *Pätel* Cat. p. 120. — Var.: *Leptopoma Portei Pfr.* — Ins. Luzon, Polillo.
4. pulicarium Pfr. III. 77. — *L. vitreum var. Martens* Ostas. Zool. II. p. 143. — Ins. Batchian.
5. papuanum Dohrn. † III. 78. — *Wallace* in Proc. Zool. Soc. 1865. p. 13. — Nova Guinea, Batchian, Ceram.
6. globulosum Pfr. III. 78. — *L. vitreum var. Martens* Ostas. Zool. II. p. 143. — Ins. Batchian.
7. ignescens (Cyclostoma) Pfr. I. 103. II. 70. III. 78. — Nova Hibernia.
8. Lowi (Cyclostoma) Pfr. (Coll. 4.) II. 70. III. 78. — *Pätel* Cat. p. 120. — *Issel* Moll. Born. p. 63. — *Leptopoma Lowei Wallace* in Proc. Zool. Soc. 1865. p. 414: Malacca? — Borneo.
9. bicolor (Cyclostoma) Pfr. (Coll. 5.) I. 104. II. 70. III. 79. — *Pätel* Cat. p. 120. — Ins. Luzon.
10. semiclausum (Cyclostoma) Pfr. II. 70. III. 79. — *H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 120. — Ceylon.
11. Hanleyanum (Cyclostoma) Pfr. II. 71. III. 79. — Ins. Admiralitatis.
12. ? Garreli (Cyclostoma) Soul. † II. 71. III. 79. — *Cyclophorus Gaymansi Martens* in Monatsber. Berl. Ak. 1864. Febr. p. 118. *(Pfr.* III. 66.) — *Cyclophorus Garreli Martens* Ostas. Zool. II. p. 140. t. 2. f. 19. — Ins. Penang (Soul.), Sumatra. (Mart.)

13. L. ciliocinctum (Cyclophorus) Martens. †

„Testa *pyramidata,* anguste umbilicata, striatula, carinulis spiralibus breviter et *distanter nigro-ciliatis* in anfr. penultimo 3, in ultimo 4 conspicuis cincta, pallide brunnea *regione suturali fusco-tessellata;* spira elongata, supra gracilior conica; anfr. $6^1/_2$, convexi, sutura sat profunda, ultimus deflexus, infra modice convexus; apertura subdiagonalis, circularis, intus alborosea; peristoma breviter expansum, duplex, internum fuscum, submembranaceum, callo parietali ad insertionem marginis superi exciso. — Diam. maj. 11, min. 9, alt. 10; apert. inclus. perist. 6, excl. $4^1/_2$ mill. diam. (v. M.)

Cyclophorus ciliocinctus Mart in Monatsber. Berl. Ak. 16 Jan. 1865. p. 52; Ostas. Zool. II. p. 142. t. 2. f. 2.

Habitat prope Palabuan insulae Javae.

14. L. ? Galatheae (Cyclophorus) Mörch. †

„T. depresso-conica, perforato-umbilicata; anfr. $5^1/_5$ convexiusculi, sutura sat profunda, lineis acutis spiralibus in anfr. penult. circa 10—12, in ultimo circiter 20, umbilicum versus distantioribus et obsoletioribus; fasciis brunneis obliquis

subsigmoideis, suturam versus latioribus, umbilicum versus intrantibus. Striae incrementi parum prominentes. Apertura diagonalis, circularis, intus caerulescens, peristomate breviter expanso, duplice, interno albo, externo fusco, callo parietali ad insertionem marginis superioris exciso. — Diam. maj. 6, axis 4 mill.; alt. max. $6^1/_2$, apert. diam. 3 mill.“ (M.)

Cyclophorus Galatheae (Craspedotropis) *Mörch* in Journ. Conch. XX. 1872. p. 315; Vid. Medd. XI. 1872. p. 23.

Habitat in ripis fluvii Galatheae ins. Nicobar.

Obs. „Differt a *C. ciliocincto Mart.* t. minore, umbilico majore, spira minus elevata, colore flammulato nec tessellato ad suturam, lineis spiralibus fortioribus sed vix ciliatis.“

15. L. trochulus (Cyclostoma) Mousson. †

„Testa turbinato-pyramidata, modice umbilicata, striatula, *carinulis nullis*, corneo-fusca, *zona suturali alba, strigis fuscis subfulminatis picta;* spira elata, gradata; anfr. 6, convexi, ultimus non descendens; apertura diagonalis, circularis; peristoma duplicatum, externum breviter expansum, internum callo parietali continuum, ad angulum superiorem aperturae sinuato-excisum. — Diam. maj. 9—10, min. $6^2/_3$—8, alt. $8^1/_2$—$9^1/_2$; apert. long. et lat. 5—$5^1/_2$ mill.“ (v. M.)

Cyclostoma trochulus Mouss. ap. Zollinger Natuurk. tydschr. voor Nederl. Indie XVIII. 1859. p. 424 (absque descriptione).

Cyclophorus trochulus Mart. Ostas. Zool. II. p. 141.

Habitat in insula Java (Zollinger, Junghuhn).

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16. melanostomum (Cyclostoma) Petit. (Coll. 6.) I. 104. II. 71. III. 79. — Nova Guinea, ins. Aru.
17. luteostomum (Cyclostoma) Sow. (Coll. 7.) I. 104. II. 71. III. 79. — Ins. Philippin.
18. signatum (Cyclostoma) Pfr. (Coll. 8.) II. 71. III. 79. — *Issel* Moll. Born. p. 63. — Borneo.
19. subconicum (Cyclostoma) Pfr. III. 79. — Cochinchina.
20. Michaui Crosse & Fisch. † III. 79. — Poulo-Condor Cochinchinae.

21. L. achatinum Crosse. †

„T. perforata, globoso-conica, tenuis, suboblique et obsoletissime ruguloso-striatula, nitida, pellucida, viridulo-lutea; spira conoidea, subacuta, apice obtusulo; anfr. 5 convexi, celeriter accrescentes, primi 2 spiraliter rare lirati, ultimus globosus, spiram superans, leviter descendens, angustissime perforatus; apertura obliqua, circularis; peristoma simplex, sub-

acutum, breviter expansum, albidum, marginibus conjunctis, columellari dilatato, leviter protracto. — Operculum? — Diam. maj. 11, min. 9, alt. 10; diam. ap. 6 mill." (C.)

Leptopoma achatinum Crosse in Journ. Conch. XIII. 1865. p. 229; XIV. 1866. p. 164. t. 5. f. 5.

Habitat in insulis Philippinis?

§. 2.

22. nigricans Pfr. III. 80. — *Cyclophorus nigricans Martens* Ostas. Zool. II. p. 139 *). t. 4. f. 3; Malak. Bl. XX. 1872. p. 159. — Manado ins. Celebes.

23. L. Hargravesi Cox. †

„Testa globoso-turbinata, subanguste umbilicata, lutescentifusca; anfr. 5, ultimus ad peripheriam obsolete carinatus, longitudinaliter regulariter ruditer costatus (costis circa 16), interstitiis striis longitudinalibus undulatis subtiliter sculptis; perist. album, latiuscule expansum, marginibus callo tenui junctis. — Diam. max. 0,71, min. 0,56, alt. 0,66 poll." (C. angl.)

Leptopoma Hargravesi Cox in Proc. Zool. Soc. 1873. p. 151.

Habitat in insulis Salomonis.

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24. immaculatum (Turbo) Chemn. (Coll. 10.) I. 105. II. 72. III. 80. — *Pätel* Cat. p. 120. — *Cyclostoma laeve Gray*, *immaculatum Sow.*, *maculata Lea.* — *Cyclophorus laevis Mörch.* — *Leptopoma laeve Reeve*, *Pätel* Cat. p. 120. — Ins. Philippin.

25. ? maculosum (Cyclostoma) Soul. † II. 78. III. 85 (Dermatocera). — Nonne, ut in Mon. I. p. 106, praecedenti injungendum? — Ins. Luzon.

26. cinctellum Pfr. III. 80. — *Wallace* in Proc. Zool. Soc. 1865. p. 413: Gilolo, ins. Gagie. — *Leptopoma vitreum β Martens* Ostas. Zool. II. p. 144. t. 4. f. 7. — Ternate.

27. Mathildae Dohrn. (Coll. 11.) III. 80. — *Pätel* Cat. p. 120. — Ins. Mindanao.

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*) „Testa elate conoidea, anguste umbilicata, obtuse angulata, oblique striatula, fusconigricans, isabellino adspersa vel obsolete strigosa, fascia angulari pallida; spira regulariter conica, elata; anfr. 6, convexiusculi, ultimus basi convexus, vix descendens; umbilicus valde angustus, at pervius; apertura mediocriter obliqua, ovato-circularis, superne angulata; peristoma interruptum, callo junctum, duplex, internum fuscum, rectum, externum horizontaliter patens, tenue, album (angulose undulatum). — Diam. maj. 16, min. 12, alt. 16; apert. long. incl. perist. 8, excl. $5^2/_3$, lat = alt. incl. perist. 9, excl. 7 mill."

28. L. Moussoni Martens. †

„Testa globoso-conica, aperte perforata, subangulata, subtiliter spiratim striata et carinis nonnullis tenuibus (5—2), quarum inferior peripherica et validior, sculpta, nitidula, alba, concolor; spira elata, conica; anfr. 5 tumiduli, sutura sat profunda discreti, ultimus haud descendens; apertura diagonalis, subcircularis; peristoma obtusum, crassiusculum, vix expansum, undique aequale, non continuum sed marginibus callo tenui junctis. — Diam. maj. 12—14 $^1/_2$, min. 9 $^1/_2$—11, alt. 13—14 $^1/_2$ mill.; apert. long. = alt. inclus. perist. 7—9, excl. 5 $^1/_2$—7 mill.“ (v. M.)

Leptopoma Moussoni Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 52; Ostas. Zool. II. p. 147. t. 2. f. 10; Malak. Bl. XX. 1872. p. 160.

Habitat in insulis Celebes, Timor, Adenare, Java?

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29. regulare (Cyclostoma) Pfr. I. 116. II. 76. III. 81. — Ins. Philippin.
30. Massenae (Cyclostoma) Less. (Coll. 12.) I. 107. II. 72. III. 81. — *Pätel* Cat. p. 120. — *Cyclostoma multilabris Lam.* — *Leptopoma multilabris M. E. Gray.* — Nova Guinea.
31. sericatum (Cyclostoma) Pfr. (Coll. 13.) I. 108. II. 72. III. 81. — *Martens* Ostas. Zool. II. p. 149. — *Pätel* Cat. p. 120. — *Issel* Moll. Born. p. 63 *). t. 6. f. 9—12. — Borneo.
32. decipiens Pfr. III. 81. — *Wallace* in Proc. Zool. Soc. 1865. p. 413. — Ins. Batchian, Mysol.

33. L. scalare H. Adams. †

„T. perforata, globoso-conica, solidula, spiraliter confertissime striata et liris 6 filiformibus cincta, carnea, ad peripheriam pallidior; spira conica, acuta; anfr. 5, convexi, ultimus inflatus, plicis transversis, ad peripheriam fortioribus, munitus; apertura obliqua, subcircularis; perist. albidum, subinterruptum, marginibus callo junctis. — Diam. maj. 11, min. 9, alt. 9 $^1/_2$ mill.“ (Ad.)

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*) Variationes quoad staturam: 1. Diam. maj. 13, min. 10, alt. 12 $^1/_2$, long. et lat. apert. incluso perist. 8, excluso 6 mill. (f. 11.) 2. Diam. maj. 10, min. 8, alt. 9 $^1/_2$, long. et lat. apert. incluso perist. 6, excluso 4 $^1/_2$ mill. (f. 9.) — Quoad colorem: *A*. Testa brunneo-violacescens, regione umbilicali pallida. *B*. pallide lutea, fasciis castaneis subtilibus numerosis ornata. *C*. pallide lutea, ad basin fascia castanea unica ornata (f. 10). *D*. pallide lutea, spiraliter unifasciata (f. 12). *E*. pallida lutea vel concolor, translucida.

Leptopoma scalare H. Adams in Proc. Zool. Soc. 1865. p. 416. t. 21. f. 9. 10.

Habitat in insula Waigiou.

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34. Wallacei (Cyclostoma) Pfr. II. 72. III. 81. — *Wallace* in Proc. Zool. Soc. 1865. p. 413. — Borneo (?), ins. Aru.
35. Panayense (Cyclostoma) Sow. I. 108. II. 72. III. 81. — *Pätel* Cat. p. 120. — Ins. Philippin.
36. aspirans Bens. II. 72. III. 81. — Birmania.
37. duplicatum (Cyclostoma) Pfr. II. 73. III. 81. — Cochinchina.
38. apicatum Bens. † II. 73. III. 81. — *H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — Ceylon.
39. Mouhoti Pfr. III. 82. — Camboja.

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40. perplexum (Cyclostoma) Sow. (Coll. 14.) I. 109. II. 73. III. 82. — *Pätel* Cat. p. 120. — Ins. Luzon.

§. 3.

41. acutimarginatum (Cyclostoma) Sow. (Coll. 15.) I. 110. II. 74. III. 82. — *Pätel* Cat. p. 120. — *Cyclophorus acutimarginatus Mart.* — Ins. Philippin.
42. helicoides (Cyclostoma) Grat. (Coll. 16.) I. 110. II. 74. III. 82. — *Pätel* Cat. p. 120. — *Cyclostoma Stainforthi Sow.* — Ins. Philippin.

43. **L. Dohrni A. Adams et Angas.** †

„L. testa depresso-turbinata, profunde umbilicata, pallide fulvo-olivacea, spira brevi conica; anfractibus convexiusculis, transversim obsolete liratis, anfractu ultimo ad peripheriam valde carinato; apertura patula, peritremate late dilatato et reflexo, regione umbilicali excavata. — Long. 7½, lat. 9 lin.“ (Ad.)

Leptopoma Dohrni A. Adams & Ang. in Proc. Zool. Soc. 1864. p. 38.
— — *Pätel* Catal. p. 120.

Habitat New-Ireland.

Obs. „Forma simile *L. Panayensi Sow.*, sed majus, anfractus ultimus peripheria fortiter carinatus et peristoma non obscure tinctum.“

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44. ? Cybeus Bens. II. 74. III. 82. — An forma imperfecta vel var. *Cyclophori zebrini Bens.?* — Nanclai Indiae (Bens.), Montes Khasi, Birmania.
45. insigne (Cyclostoma) Sow. (Coll. 17.) I. 111. II. 74. III. 82. — *Pätel* Cat. p. 120. — Ins. Philippin.

46. Sechellarum (Cyclostoma) Pfr. (Coll. 18.) II. 74. III. 82. — Ins. Sechell.

47. Jacquinoti Pfr. † II. 74. III. 82. — *Cyclostoma pellucida Hombr. & Jacq.* — Ins. Salomonis.

48. ciliatum (Cyclostoma) Sow. I. 112. II. 75. III. 82. — Ins. Luzon.

49. ciliferum Mouss. † I. 112. II. 75. III. 82. — *Cyclostoma ciliferum Mouss., Smit* in Natuurl. Tydschr. vor Nederl. Ind. XX. 1859. p. 324. — *Cyclophorus ciliferus Martens* Ostas. II. p. 139 *). — Java.

50. barbatum (Cyclostoma) Pfr. II. 75. III. 82. — *Cyclophorus barbatus Martens* Ostas. Zool. II. p. 139. — *Issel* Moll. Born. p. 69. — Borneo.

51. Manadense Pfr. III. 82 (err. *Menadense*). — *Martens* Ostas. Zool. II. p. 148. t. 2. f. 8; Malak. Bl. XX. 1872. p. 160. — *Pfr.* Novit. conch. IV. p. 125. Nr. 829. t. 128. f. 9. — *Cyclostoma laeve Adams & Reeve* Voy. Samarang p. 57. t. 14. f. 3. — Manado ins. Celebes.

§. 4.

52. undatum (Cyclostoma) Metcalfe. I. 113. II. 75. III. 83. — *Martens* Ostas. Zool. II. p. 150 **). — *Pätel* Cat. p. 120. — *Issel* Moll. Born. p. 64. — Borneo.

53. L. Bourguignati Issel. †

„Testa pyramidata, anguste perforata, oblique striatula, spiraliter leviter lyrata, alba sub epidermide lutea; spira exacte conica; anfractus $6^1/_2$ parum convexi, superiores lyris 5 spiralibus, subtilibus sculpti, ultimus carinatus basi paululum rotundatus, prope aperturam non descendens, inflatus carina evanescente instructus; apertura diagonalis, subcircularis; peristoma late expansum, patens, lutescens, marginibus callo tenui junctis. — Diam. maj. 15, min. 11, alt. 16; apert. long. incl. perist. 10, excl. $7^1/_2$ mill.“ (I.)

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*) „Testa turbinata, angulata, modice umbilicata, tenuis, striatula et carinis spiralibus supra peripheriam 5, infra item 5 sculpta, *carina* peripherica *ipsa cilifera*, rufofusca, concolor; spira exserta; anfr. 6, convexiusculi; apertura diagonalis, subcircularis; peristoma duplicatum, externum reflexum, internum rectum. — *a.* Diam. maj. 13, min. 11, alt. $10^1/_2$; apert. lat. = long. 7 mill. — *b.* Diam. maj. 12, min. $9^1/_4$, alt. $10^1/_2$; apert. lat. $6^1/_2$ mill. — *c.* Diam. maj. $10^1/_2$, min. $8^1/_2$, alt. $8^1/_2$; apert. lat. $5^1/_2$ mill.“ (v. M.)

**) Testa pyramidata, anguste perforata, oblique striatula, lineis spiralibus subtilissimis hinc inde conspicuis, alba, strigis diaphanis interdum pallide fuscis picta; spira exacte conica; anfr. $5^1/_2$ plani, superiores liris obtusis elevatis spiralibus plerumque 5 sculpti, ultimus acute carinatus, basi planatus, prope aperturam haud descendens, inflatus, carina evanescente, quasi oblique compressus; apertura diagonalis, subcircularis; peristoma late expansum, album, marginibus callo tenui junctis. — Diam. maj. 16—$19^1/_2$, min. 13—15, alt. $14^1/_2$—19 mill.; apert. long. = alt. incl. perist. $9^1/_2$—11, excluso $7^1/_2$—9 mill.“

Leptopoma Bourguignati Issel Moll. Born. 1874. p. 65. t. 6. f. 7. 8.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

Obs. „Differt a proxime affini *L. undato* spira magis elevata, anfractibus convexis, carina minus acuta, anfractu ultimo basi non planato, colore luteo epidermidis, etc."

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54. fibula (Cyclostoma) Sow. (Coll. 19.) I. 113. II. 75. III. 83. — *Pätel* Cat. p. 120. — Ins. Philippin. et Polillo.
55. goniostomum (Cyclostoma) Sow. (Coll. 20.) I. 114. II. 76. III. 83. — *Pätel* Cat. p. 120. — Ins. Philippin.
56. pileus (Cyclostoma) Sow. (Coll. 21.) I. 114. II. 76. III. 83. — *Pätel* Cat. p. 120. — Ins. Philippin.
57. atricapillum (Cyclostoma) Sow. (Coll. 22.) I. 115. II. 76. III. 83. — *Pätel* Cat. p. 120. — Ins. Philippin.
58. Caroli Dohrn. (Coll. 23.) III. 83. — *Pätel* Cat. p. 120. — Ins. Luzon.
59. acuminatum (Cyclostoma) Sow. (Coll. 24.) I. 116. II. 76. III. 83. — *Pätel* Cat. p. 120. — Ins. Philippin.
60. elatum (Cyclostoma) Pfr. I. 117. II. 76. III. 83. — *H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — Ceylon.
61. leucoraphe Martens. † III. 84. — *Cyclophorus leucorrhaphe Martens* Ostas. Zool. II. p. 142. t. 4. f. 1. — Ins. Halmahera.
62. trochus Dohrn. III. 84. — *Pfr.* Novit. conch. IV. p. 13. Nr. 684. t. 112. f. 8—10. — Ins. Mindanao.
63. Pfeifferi Dohrn. † III. 84. — Ins. Philippin.
64. Condorianum Crosse & Fisch. † III. 85. — Ins. Poulo Condor Cochinchinae.

§. 5.

65. ? Birmanum (Cyclostoma) Pfr. (Coll. 25.) I. 117. II. 76. III. 85. — *Cyclophorus Birmanus H. & A. Adams.* — Birmania. (= *Cyclophorus Malayensis* vel *Siamensis* juv.: *Stoliczka* in Journ. As. Soc. XLI. 1872. p. 262.)

Species quarum descriptiones non vidi:

Leptopoma

Alticolum H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 5. — Ceylon.
distinguendum „Dohrn" Pätel Cat. p. 120. — Ins. Philippin.
radicicolum H. Nevill l. c. p. 6. — Ceylon.
setiferum H. Nevill l. c. p. 5. — Ceylon.
Wüllerstorffianum Zeleb., Frauenf. in Verh. zool. bot. Ges. Wien. XIX. 1869. p. 878. — Ins. Nicobar.

Subfam. IV. Pupinea.

Pfr. Mon. Pneum. II. p. 78; III. p. 86.

XXVI. Megalomastoma Guilding.

Pfr. Mon. Pneum. I. p. 123; II. p. 78; III. p. 86. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 461. — *Bland* in Amer. journ. conch. II. 1866. p. 60. — *Martens* Ostas. Zool. II. 1867. p. 153. — *Megaloma* et *Lomastoma Woodw.* — *Megalommastoma Pätel* Catal. 1873. p. 17. 120.

Conspectus specierum.

A. Abnormes, apertura ovali *(Hainesia Pfr.)*	§. 1.	Nr.	1— 3.
B. Normales, apertura subcirculari.			
a. Peristomate incrassato *(Farcimen Trosch.)*	§. 2.	—	4—19.
b. Peristomate subtenui, plerumque duplicato *(Megalomastoma)*			
1. occidentales	§. 3.	—	20—21.
2. orientales *(Coptocheilus Gould)*	§. 4.	—	22—29.

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§. 1.

1. croceum (Cyclostoma) Sow. I. 125. II. 79. III. 86. — *Cyclostoma Gooldianum Petit.* — *Farcimen croceum Gray.* — Ins. Mauritius.
2. bifasciatum (Cyclostoma) Sow. I. 126. II. 79. III. 86. — Guayaquil.

3. ? M. arboreum (Dacrystoma) Crosse & Fischer. †

„T. vix subrimata, pyramidato-elongata, tenuiter et suboblique costulato-striata, crassiuscula, solidula, subopaca, sub epidermide tenui stramineo-olivacea, pallide fulvida; spira elongata, apice rotundato; sutura impressa; anfr. $7^1/_2$ convexiusculi, primi 2 sublaeves, sordide albidi, ultimus vix ascendens, spira minor (8 : 11), infra peripheriam castaneo anguste

fasciatus, basi subattenuatus, vix brevissime solutus; apertura verticalis, angulato-ovalis, integra, intus luteo-fulvida, fascia externa paululum transmeante; peristoma incrassatum, vix liberum, marginibus continuis, columellari cum externo ad insertionem angulum formante, basali protracto, valde incrassato, reflexo, externo crassiusculo, reflexo. — Long. 19, diam. maj. $7^1/_2$ mill. Apert. $6^1/_2$ mill. longa, vix 5 lata (absque peristomate)." (C.)

Dacrystoma *) *arboreum Crosse & Fisch.* in Journ. Conch. XIX. 1871. p. 332.

Habitat ad ripas fluminis Tsidsoubon insulae Madagascar (Grandidier).

§. 2.

4. complanatum Pfr. II. 80. III. 86. — Cuba.
5. bituberculatum (Cyclostoma) Sow. (Coll. 1.) I. 127. II. 80. III. 86. — Cuba.
6. procer Poey. (Coll. 2.) II. 81. III. 86. — *Pätel* Cat. p. 120. — Isla de Pinos Cubae.
7. ventricosum (Cyclostoma) Orb. (Coll. 3.) I. 128. II. 81. III. 86. — *Pätel* Cat. p. 120. — *Farcimen ventricosum Trosch.* — Cuba.
8. alutaceum (Cyclostoma) Menke. (Coll. 4.) I. 129. II. 81. III. 86. — *Pätel* Cat. p. 120. — Cuba.
9. digitale Gundl. (Coll. 5.) II. 81. III. 86. — *Pätel* Cat. p. 120. — Cuba.
10. Mani (Cyclostoma) Poey. (Coll. 6.) I. 128. II. 82. III. 87. — *Pätel* Cat. p. 120. — Cuba.
11. Gundlachi Pfr. (Coll. 7.) II. 82. III. 87. — *Pätel* Cat. p. 120. — Cuba.
12. leoninum Pfr. (Coll. 8.) II. 82. III. 87. — *Pätel* Cat. p. 120. — Cuba.
13. auriculatum (Cyclostoma) Orb. (Coll. 9.) I. 129. II. 82. III. 87. — *Pätel* Cat. p. 120. — *Cyclostoma idolum Fér., bicolor Gould, solenatum Poey.* — Cuba.
14. apertum Poey. (Coll. 10.) II. 83. III. 87. — *Pätel* Cat. p. 120. — Cuba.
15. seminudum Poey. (Coll. 11.) II. 83. III. 87. — *Pätel* Cat. p. 120. — Cuba.
16. tortum (Turbo) Wood. (Coll. 12.) I. 126. II. 83. III. 87. — *Pätel* Cat. p. 120. — *Cyclostoma tortum Gray.* — *Farcimen tortum Trosch.* — Var.: *Megalomastoma ungula Poey.* (*Pfr.* II. 84.) — Cuba.

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*) *Dacrystoma* novum genus: „testa vix perforata, oblongo-turrita, solidula, striata, epidermide tenui induta; anfr. sat numerosi; apertura angulato-ovalis; peristoma vix brevissime solutum, continuum, incrassatum, reflexum, margine basali protracto. — Operc.? — Genera Megalomastoma et Omphalotropis nostro generi valde vicina sunt, alterum forma testae et crassitudine peristomatis, alterum apertura angulato-ovali."

17. cylindraceum (Helix) Chemn. (Coll. 13.) I. 124. II. 84. III. 87. — *Pätel* Cat. p. 120. — *Helix crocea Gmel.* — *Turbo croceus Dillw., flavidus Wood.* — *Cyclostoma flavula Lam., flavidum Gray, crocea Desh.* — *Farcimen flavulum Trosch., cylindraceum Gray.* — Portorico.

18. M. Hjalmarsoni Pfr.

T. rimato-subperforata, elongato-pupaeformis, solida, alba, epidermide tenuissima, nitidula, virenti-cerea, passim decidua, induta; spira ovato-turrita, sursum sensim attenuata, apice conico, acutiusculo; sutura parum impressa, marginata; anfr. 8 convexiusculi, sensim accrescentes, supremi eleganter oblique striati, sequentes confertissime filoso-striati, ultimus sublaevigatus, $^1/_3$ longitudinis formans, basi compressus, leviter arcuato-cristatus; apertura verticalis, fere circularis, sursum obsolete angulata, intus crocea; perist. subrectum (vix expansiusculum), leviter incrassatum, anfractui contiguo sublonge adnatum, superne angulatim subproductum. — Operculum tenuissimum, castaneo-rubellum, extus concaviusculum. — Long. 15—21, diam. 7—9 mill.

Megalomastoma Hjalmarsoni Pfr. in Malak. Bl. XXII. (1875.) p. 119.

Habitat in districto Lares partis occidentalis insulae Portorico (Gundlach).

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19. Orbignyi (Cyclostoma) Pfr. (Coll. 14.) I. 130. II. 84. III. 87. — *Pätel* Cat. p. 120. — Haiti.

§. 3.

20. Antillarum (Cyclostoma) Sow. (Coll. 15.) I. 135. II. 84. III. 87. — *Pätel* Cat. p. 120. — *Megalomastoma brunnea Guild.* — Ins. Tortola, St. Thomas.

21. verruculosum (Cyclostoma) Shuttl. (Coll. 16.) II. 86. III. 87. — *Megalommastoma verriculum Pätel* Cat. p. 120. — Portorico.

Obs. Ad hanc sectionem conferatur genus *Tomocyclus Crosse & Fisch.*

§. 4.

22. altum (Cyclostoma) Sow. (Coll. 17.) I. 132. II. 84. III. 87. — *Pätel* Cat. p. 120. — *Coptocheilus altus Gould.* — Ins. Philippin.

23. sectilabrum Gould. II. 84. III. 87. — *Stoliczka* in Journ. As. Soc. XLI. 1872. Pt. 2. p. 268. t. 10. f. 13. — *Coptocheilus sectilabris Gould.* — *Megalommastoma sectilabre Pätel* Cat. p. 120. — Birmania, ins. Penang.

24. Anostoma (Cyclostoma) Bens. (Coll. 18.) II. 85. III. 87. — *Martens* Ostas. Zool. II. p. 154. — *Pätel* Cat. p. 120. — *Issel* Moll. Born. p. 66. t. 6. f. 16. 17. — *Megalomastoma sectilabrum*

Pfr. Mon. p. 133 (non *Gould*). — *Farcimen sectilabrum Gray.* — *Megalomastoma Lowei Sow.* Thes. III. 1864. t. 263. f. 1. — *Pätel* Cat. p. 120. — Ins. Labuan, Borneo.

25. ? M. Leferi (Cyclostoma) Morelet. †

„T. subperforata, pyramidata, tenuis, striatula, nitida, sericea, castaneo-rubella; spira turrita, apice truncatula; anfr. superst. 5 convexiusculi, ultimus basi rotundatus, antice leviter planatus; apertura rotundo-campanulata, concolor; peristoma duplex: internum continuum, expansum, repandum; externum superne lateraliter et breviter dilatatum. — Operculum tenue, planulatum, corneo-lutescens; spira subindistincta, nucleo centrali. — Long. 21, diam. 9 mill.“ (M.)

Cyclostoma Leferi Morelet in Journ. Conch. IX. 1861. p. 176.
Megalomastoma Leferi Mart. Ostas. Zool. II. p. 154.

Habitat in insula Borneo (Lefer de Lamothe).

Obs. Issel (Moll. Born. p. 67) synonymum *M. anostomatis* laudat.

26. M. Doriae Issel. †

„Testa perforata, oblongo-pupaeformis, persolida, irregulariter oblique striata, parum nitida, castanea; spira subturrita; anfractus 8 convexi, sutura profunda separati, ultimus prope aperturam ascendens, juxta perforationem subcompressus; apertura fere verticalis, subcircularis, in fauce castanea; peristoma sordide albescens, late expansum, reflexum, duplicatum: externum breviter interruptum, internum continuum. Operculum corneum, planum, concentrice costulatum. — Long. 30, diam. 12; apert. incl. perist. 13, excl. 8, lat. incl. perist. $11^1/_2$, excl. 7 mill.“ (I.)

Megalomastoma Doriae Issel Moll. Born. 1874. p. 67. t. 6. f. 18. 19.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

Obs. „Facile distinguitur a *M. Anostoma* testa crassa, solida, obscurius colorata, minus transparente et peristomate albido, margine externo late interrupto.“

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27. funiculatum (Cyclostoma) Bens. (Coll. 19.) I. 133. II. 85. III. 87. — *Pätel* Cat. p. 120. — *Coptocheilus funiculatus Gould.* — Himalaya.

28. pauperculum (Cyclostoma) Sow. I. 134. II. 86. III. 87. — *Coptocheilus pauperculus Gould.* — Himalaya.

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29. Guildingianum (Cyclostoma) Pfr. I. 134. II. 85. III. 87. — *Megalomastoma suspensum Guild.*, *Swains.* (*Pfr.* I. 135 not.)? — *Megalommastoma suspensum Pätel* Cat. p. 120: Guatemala? — Habitat?

Quid?

Megalomastoma lentilabrum Sow., *Pätel* Cat. p. 120. — St. Thomas.

XXVII. Tomocyclus Crosse & Fischer.

„Testa perforata, turrita truncata; apertura subcircularis, parvula; peristoma duplex, internum breviter porrectum, externum late expansum, foliaceum, margine supero interrupto, peculiariter exciso et cavato. — Operculum circulare, corneum sed crassiusculum, arctispirum, antice planiusculum, postice medio processu obtuse rotundato munitum, margine anfractuum sublamelloso.“ (Cr.)

Tomocyclus *) *Crosse & Fisch.* in Journ. Conch. XX. 1872. p. 76.

Tomocyclos (genus Pupineorum) *Pätel* Catal. 1873. p. 17. 120.

Nonne generi Megalomastomati tamquam sectio subjungendum genus?

Species:

1. T. Gealei Crosse & Fischer. †

„T. perforata, turrita, truncata, solidula, parum nitida, olivaceo-fulvida; spira elongata, sensim attenuata, apice truncato; sutura valde impressa; anfr. superstites 7 convexi, primi 2 sublaeves, sequentes costulis arcuatis, subobliquis, tenuibus longitudinaliter ornati, ultimus basi funiculato-carinatus, carina mox evanescente, solutus, descendens; apertura verticalis, subcircularis, parvula; peristoma liberum, solutum, duplex: internum breviter porrectum, externum latissime expansum, foliaceum, intus concavum, album, margine supero ad perforationem interrupto, peculiariter exciso, in fossulam peristoma internum emarginantem desinente. — Long. 43, diam. maj. 12½ mill. Apertura cum peristomate externo 11 mill. longa, 14 lata, intus (perist. excluso) 7 mill. longa, 7 lata.“ (C.)

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*) *Τόμος*, frustum resectum; *κύκλος*, circulus.

Tomocyclus Gealei Crosse et Fisch. in Journ. Conch. XX. 1872. p. 77.
Tomocyclos Gealei Pätel Catal. p. 120.

Habitat in provincia Chiapas reipublicae mexicanae (A. Boucard).

Obs. „Species *T. simulacro Moreleti* simillima, sed major, arcuatim costulata nec laevigata, colore pallidior, caeterum peristomate magis soluto, libero et margine supero non appresso distinguenda."

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2. simulacrum (Cyclostoma) Morelet. I. 131. II. 84. III. 87 (Megalomastoma). — *Crosse & Fisch.* in Journ. Conch. XX. 1872. p. 76. — *Cyclostoma Copanense Sow.* — Guatemala.
3. Guatemalense (Cyclostoma) Pfr. I. 132. II. 84. III. 87 (Megalomastoma). — *Crosse & Fisch.* l. c. p. 76. — *Megalommastoma Guatemalense Pätel* Cat. p. 120. — Guatemala.

XXVIII. Cataulus Pfeiffer.

Pfr. Mon. Pneum. I. p. 136; II. p. 87; III. p. 87. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 462. — *H. Nevill* Enum. Helic. et Pneum. Ceyl. 1871. p. 5. (Species 16.) — *Pätel* Catal. 1873. p. 17. 120.

Sectiones:

A. Tortulosa Gray . . . . §. 1. Nr. 1.
B. Cataulus Pfr. . . . . §. 2. — 2—17.

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§. 1.

1. tortuosus (Turbo) Chemn. I. 136. II. 87. III. 88. — *Helix tortuosa Fér.* — *Pupa tortuosa Gray.* — *Urocoptis? tortuosa Beck.* — *Cyclostoma tortuosum Sow.* — *Megalomastoma tortuosum Pfr.* — *Tortulosa tortuosa H. & A. Adams, Mörch* in Journ. Conch. XX. 1872. p. 33. — Ins. Nicobar.

§. 2.

2. Templemani (Pupina) Pfr. (Coll. 1.) I. 136. II. 87. III. 88. — *Cataulus Templemanni H. Nevill* Enum. Pneum. Ceyl. 1871. p. 5. — *Pätel* Cat. p. 120. — *Tortulosa Templemani Ad.* — Ceylon.

3. Layardi (Megalomastoma) Gray. (Coll. 2.) I. 136. II. 87. III. 88. — *Pätel* Cat. p. 120. — *Pupina Layardi Pfr.* olim. — *Tortulosa Layardi Ad.*, *Frfd.* in Verh. zool. bot. Ges. Wien. XIX. 1869. p. 879. — Ceylon.
4. Cumingi Pfr. II. 87. III. 88. — Ceylon.
5. Thwaitesi Pfr. I. 138. II. 88. III. 88. — *Pätel* Cat. p. 120. — *Tortulosa Thwaitesi Ad.* — Ceylon.
6. pyramidatus Pfr. (Coll. 3.) I. 137. II. 88. III. 88. — *Pätel* Cat. p. 120. — *Tortulosa pyramidata Ad.*, *Frfd.* in Verh. zool. bot. Ges. Wien. XIX. 1869. p. 879. — Ceylon.
7. Austenianus Bens. (Coll. 4.) II. 88. III. 88. — *Pätel* Cat. p. 120. — *Tortulosa Austeniana Ad.* — Ceylon.
8. aureus Pfr. II. 88. III. 88. — Ceylon.
9. haemastomus Pfr. (Coll. 5.) II. 89. III. 88. — *Pätel* Cat. p. 120. — Ceylon.
10. eurytrema Pfr. I. 138. II. 89. III. 88. — *Pätel* Cat. p. 120. — *Tortulosa eurytrema Ad.* — Ceylon.
11. decorus Bens. II. 89. III. 88. — *Pätel* Cat. p. 120. — *Tortulosa decora Ad.* — Ceylon.
12. recurvatus Pfr. III. 88. — Regio montium Nilgiri.
13. Blanfordi Dohrn. (Coll. 6.) III. 88. — *Pätel* Cat. p. 120. — Ceylon.

14. C. Calcadensis Beddome. †

„Testa subperforata, fusiformi-turrita, solida, confertim subsinuate costulata. Spira ovato-turrita; apice acutiusculo; sutura valde impressa. Anfr. 8½, convexi, ultimus parum angustior, demum breviter solutus, antice porrectus vix descendens, carina basali valida, compressa, costulata, antice dilatata munitus; periomphalo mediocri, costulato. Apertura subcircularis, fere verticalis, canali ad latus sinistrum marginis basalis patente, ore subtus dextrorsumque spectante; peristoma incrassato-expansum, subduplex vel duplex, internum obtusum, externum expansum, revolutum, postice et ad canalem basalem productum, margine columellari insuper angustiori, cum anfractu penultimo haud juncto. — Operc.? — Long. (spec. maj.) 21, diam. 7, apert. diam. intus 3½ mill. Apert. c. perist. incluso canali 6½ mill. longa.“ (Bl.)

Cataulus Calcadensis Bedd. mss.; *W. T. Blanf.* in Journ. As. Soc. Beng. XXXVIII. Pt. 2. p. 137. t. 16. f. 8. (Contrib. to Ind. Malac. X. 1869.)

Habitat „Calcad Hills“ extra fines prov. Travancore Indiae meridionalis.

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15. duplicatus Pfr. II. 90. III. 89. — Ceylon.
16. marginatus Pfr. II. 90. III. 89. — *Tortulosa marginata Ad.* — Ceylon.

17. C. Nietneri G. & H. Nevill. †

„T. parva, subfusiformis, vix perforata, apice subobtusa; supra pallide straminea, infra virescente grisea, et irregulariter albido strigata; anfractibus 6, convexiusculis, primis duobus vel tribus laevigatis, ceteris transversim costulato-striatis, ultimo antice subapplanato, ad basin acute carinato; apertura circulari, peristomate albido, incrassato ac reflexo, intus ad basin anguste canaliculato. — Operculum normale. — Long. 11, diam. $4^1/_2$; apert. alt. 4, diam. $3^1/_2$ mill.“ (N.)

Cataulus Nietneri G. et H. Nevill in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 7. t. 1. f. 7. 7 a.

Habitat in insula Ceylon.

Obs. Inter notas hujus generis species haec minima est.

Species quarum descriptiones non vidi.

Cataulus gregarius H. Nevill Enum. Helic. et Pneum. Ceyl. 1871. p. 5.
— *leucostoma „Fow.“ H. Nevill* ibid. p. 5.

XXIX. Rhaphaulus Pfeiffer.

Pfr. Mon. II. p. 90; III. p. 89. — *Raphaulus Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 459. — *Martens* Ostas. Zool. II. p. 154. — *Pätel* Catal. 1873. p. 17. 120. — *Issel* Moll. Born. 1874. p. 80. — *Anaulus Pfr.* olim.

Species:

1. bombycinus (Anaulus) Pfr. (Coll. 1.) II. 91. III. 89. — *Martens* Ostas. Zool. II. p. 154. — *Pätel* Cat. p. 120. — *Issel* Moll. Born. p. 80. t. 7. f. 1—3. — Borneo.

2. Rh. Pfeifferi Issel. †

„Testa profunde umbilicata, valde obliqua, ovata, pallide fulva, nitidissima, longitudinaliter dense striata, anfractus $5^1/_2$; primi convexi, regulariter crescentes, penultimus amplior inflatus, ultimus praecipiter descendens, ambo ab axi superiore

deviantes; apertura pro anfractu ultimo verticalis, circularis, adjecto canali supero; peristoma expansum, duplicatum, externum interruptum albidum, internum continuum lutescens. — Long. $10^1/_2$, diam. maj. 6, min. 5; long. apert. 5, lat. 5 mill.“ (I.)

Raphaulus Pfeifferi Issel Moll. Born. 1874. p. 80. t. 7. f. 4—6.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

Obs. Differt a *R. bombycino* testa minore, magis obliqua, spira minus elevata, anfractu penultimo magis inflato, etc.

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3. Lorraini (Anaulus) Pfr. II. 91. III. 89. — *Martens* Ostas. Zool. II. p. 159. — Pulo Penang.

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4. chrysallis (Cyclostoma) Pfr. I. 131 (Megalomastoma). II. 92. III. 89. — *Bens.* in Ann. and Mag. 3d. ser. XII. 1863. p. 55. — *Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 181. — *Anaulus chrysallis Bens.* — *Pollicaria chrysallis Gould.* — Tenasserim.

5. Rh. pachysiphon Theobald & Stoliczka. †

„R. testa cylindraceo-ovata, anguste perforata, solida, fusca; spira obtusa, apice ad latus inclinato, excentrico; anfractibus $5^1/_2$ convexiusculis, transversim confertissime striolatis, ad suturam simplicem adpressis; anfractu penultimo sensim, ultimo valde, descendente, primo supra aperturam deplanato, altero ad suturam paulo constricto, ad basin convexiusculo; apertura fere verticali, circulari, peristomate pallide fuscescente, plane expanso atque crasso, supra ad anfractum penultimum labio attenuato et fere horizontali adnato, postice (aut supra) ad suturam tubulo crasso, deflexo instructo. — Long. 12,6, lat. anfr. penultimi 7,6, diam. apert. cum perist. 6,2, apert. int. 3,6 mill.“ (Th. & St.)

Raphaulus pachysiphon Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 329. t. 11. f. 1.

Habitat prope Moulmain, valle Ataran fluminis.

XXX. Streptaulus Benson.

Pfr. Mon. Pneum. II. p. 92; III. p. 90. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 459. — *Pätel* Catal. 1873. p. 17: genus Pupineorum.

Species unica:

1. Blanfordi Bens. II. 92. III. 90. — Darjiling Himalayae.

XXXI. Pupinella Gray.

Pfr. Mon. Pneum. I. p. 139; II. p. 93; III. p. 91. — *Pätel* Catal. 1873. p. 17. 120. — Praecedentibus *O. Semper* (Journ. Conch. XIII. 1865. p. 408), *Martens* (Ostas. Zool. II. p. 155) et *H. Adams* (Proc. Zool. Soc. 1866. p. 318) Pupinae sectionem primam Monographiae nomine *Pupinopsis H. Adams* tamquam sectionem secundam generi Pupinellae injungendam admitto, inde

Conspectus specierum.

A. Pupinella, tubulo supero destituta . §. 1. Nr. 1— 3.
B. Pupinopsis, tubulo vel sulco aperturae marginis supero instructa . . §. 2. — 4—13.

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§. 1.

1. pupiniformis (Cyclostoma) Sow. (Coll. 1.) I. 139. II. 93. III. 91. — *Pupina Sowerbyi Pfr.* olim. — Ins. Luzon.
2. Borneensis Pfr. III. 92. — *Martens* Ostas. Zool. II. p. 155. — *Issel* Moll. Born. p. 79. — Borneo.

3. P. Ceramica (Rhaphaulus) Martens. †

„Testa late rimata, oblonga, solida, confertim striatula, corneo-fusca (emortua violascens); spira in conum brevem desinens; anfr. 6, convexiusculi, ultimus prope aperturam praecipiter descendens; apertura paulum resupinata, circularis; peristoma incrassatum, multiplex, expansum, flavum, continuum; foramen externum tubuli suturalis oblique sursum spectans, foramen tubuli columellaris margini columellari parallelum. — Operculum tenue, 4—5-spirum. — Long. 10, diam. maj. $4^3/_4$, min. 4; apert. long. et lat. excluso perist. 2, incluso 4 mill.“ (v. M.)

Rhaphaulus Ceramicus Mart. in Monatsber. Berl. Ak. 25 Febr. 1864. p. 25.
— — *Pfr.* Mon. Pneum. Suppl. II. p. 89. n. 4.
Pupinella Ceramica Mart. Ostas. Zool. II. p. 155. t. 4. f. 9.

Habitat in insula Ceram, rarior in Amboina.

Obs. „Proxima *P. Mindorensi A. Ad. & Rv.*, differt margine columellari non aperte inciso, sed tubulo undique clauso munito.“

§. 2.

4. grandis (Pupina) Forb. I. 140 *(Pupina Forbesi)*. II. 93. III. 92 *(Pupina grandis)*. — Var. *β. minor*, long. 0,88, lat. 0,40 poll. et *γ. magna*, peristomate albo: *Cox* in Proc. Zool. Soc. 1873. p. 567. — Ins. Louisiad.

5. Moulinsiana (Pupina) Fisch. & Bern. II. 93. III. 92 (Pupina). — *Pupina intermedia Angas* mss. — *Pupina leucostoma Montrouz.* Essai sur la faune de Woodlark. Conf. *Brazier* in Proc. Zool. Soc. 1871. p. 586 et *Crosse* in Journ. Conch. XIX. 1871. p. 183. — Ins. Woodlark Louisiad.

6. P. Swinhoei H. Adams.

„P. testa perforata, pupaeformi, solida, sub lente subtilissime striata et lirulis spiralibus distantibus sculpta, fulvo-cornea; spira convexo-conica, apice acutiuscula, sutura simplici, conspicua; anfr. 7, summis convexiusculis, sequentibus planioribus, ultimo infra medium sulcato, circa perforationem valde cristato; apertura subverticali, circulari, $^1/_4$ totius longitudinis aequante, callo parietali prominente, arcuato; columella profunde incisa; perist. incrassato, expanso, reflexo, albo, margine externo sulco superficiali circulatim bipartito, supero subito attenuato, cum callo juncto. — Long. 14, diam. $5^1/_2$ mill.“ (Ad. — Coll. Nr. 2.)

Pupinella Swinhoei (Pupinopsis) *H. Adams* in Proc. Zool. Soc. 1866. p. 318. t. 33. f. 12.

— — *Pätel* Catal. p. 120.

Habitat Tamsui insulae Formosa (Swinhoe).

7. P. Morrisonia (Pupinopsis) H. Adams. †

„P. testa rimata, pupaeformi, solida, oblique capillaceo-striata, pallide fulva; spira oblongo-conica, apice acutiusculo, sutura impressa; anfr. $7^1/_2$, convexiusculis, ultimo basi juxta rimam cristato; apertura verticali, circulari, bicanaliculata; perist. duplici, interno obtuso, porrecto, sinum superiorem circumveniente, externo expanso, reflexo, superne cum interno conjuncto, canalem basalem callo circumvallante. — Long. 12, diam. 5 mill.“ (A.)

Pupinopsis Morrisonia H. Adams in Proc. Zool. Soc. 1872. p. 13. t. 3. f. 21.

Habitat Mount Morrison insulae Formosae (Swinhoe).

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8. humilis (Pupina) Jacq. I. 140. II. 94. III. 92 (Pupina). — *Pupina antiquata Sow.* — Nova Guinea.

9. Mindorensis (Pupina) Adams & Reeve. (Coll. 3.) I. 141. II. 94. III. 92 (Pupina). — *Pätel* Cat. p. 120. — *Pupinopsis Mindorensis A. Adams* in Proc. Zool. Soc. 1867. p. 314? („Japonia. — Synon. *Pupina japonica Mart.*", sed haec „glaberrima, nitida"). — Ins. Philippin.

10. meridionalis Pfr. (Coll. 4.) III. 92. — *Pupina meridionalis Pfr.* in Proc. Zool. Soc. 1863. p. 526. — *Cox* Mon. Austr. landsh. p. 100. t. 16. f. 7. 7a—c. — *Brazier* in Proc. Zool. Soc. 1871. p. 586. — *Pätel* Cat. p. 121. — *Pupinella MacGillivrayi Cox* in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 184; Cat. Austr. landsh. 1864. p. 32 *). — Australia meridionalis, Queensland.

11. planilabris Pfr. (Coll. 5.) III. 93. — *Pupina planilabris Pfr.* in Proc. Zool. Soc. 1863. p. 526. — *Cox* Mon. Austr. landsh. p. 99. t. 16. f. 11. 11 a. b. — *Brazier* in Proc. Zool. Soc. 1871. p. 586. — *Pätel* Cat. p. 120. — *Pupinella Whartoni Cox* in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 184; Cat. Austr. landsh. p. 32 **). — Australia meridionalis, Queensland.

12. Coxi (Pupina) Morelet. † III. 93 (Pupina). — *Cox* Mon. Austr. landsh. p. 100. t. 16. f. 10. 10 a. b. — Port Curtis, Queensland.

13. P. Pettardi (Pupina) Crosse. †

„T. sat late rimata, oblonga, pupaeformis, solidula, striis tenuibus, confertis, subarcuatis impressa, haud nitens, livide roseo-fuscula; spira oblongo-conica, apice obtusulo; sutura impressa; anfractus 6 convexiusculi, primi 2 sublaevigati, penultimus latere aperturae subplanulatus, ultimus brevis, paululum descendens, pone labrum lamella prominula munitus; apertura subverticalis, circularis, parvula, late et oblique bicanaliculata, intus livide carneo-albida; callus parietalis brevissime solutus, planus, latere dextro late et alte lingulatus, sinistro infra medium et fere ad basin oblique et late resectus, albidus; peristoma valde incrassatum, expansum, albidum, utrinque cum lingulis prominulis calli parietalis junctum et infra rimam umbilicalem cristulam a canali basali sat lato exeuntem formans. — Operculum tenue, corneum, arctispirum, medio concavum.— Long. 10, diam. maj. $4^1/_4$ mill. Apertura $1^3/_4$ mill. longa et lata (cum peristomate et lingulis oblique 3 mill. longa, 4 lata).

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*) „P. testa imperforata, ovato-oblonga, glabra, nitida pellucidaque; spira ventrosa; anfractibus septem, convexiusculis, minutissime transversim striatis, ultimo maximo, penultimo ceteros aequante; apertura subverticali, circulari, peristomate incrassato alboque, canalibus duobus angustis. — Long. 0,50, diam. 0,24 unc." (C.)

**) „P. testa umbilicata, acuminato-oblonga, solidiuscula, luteo-fulva aut corneo-fusca; anfractibus septem, modice convexis, ultimo penultimo longiore, ceteris decrescentibus, tumidiusculis, sub lente transversim minute striatis; sutura indentata; apertura subverticali, circulari, peristomate albido, margine ubique expanso et subreflexo, non antice dilatato ut in *P. Borneensi.* — Long. 0,59, diam. 0,27 unc." (C.)

Var. *β*. Paulo minor, magis inflata, sordide griseo-albida; apertura intus alba; peristoma album. — Long. $9^1/_2$, diam. maj. $4^1/_2$ mill.“ (Cr.)

Pupina Pettardi Crosse in Journ. Conch. XXII. 1874. p. 370; XXIII. 1875. p. 141. t. 6. f. 5.

Habitat „Cookstown, Endeavour River, N. E. Australia“ (W. F. Pettard).

Obs. „Species *Pupinae Coxi Mor.* forma, apertura et peristomate valde vicina, sed testa solidula, haud nitente, colore, striis validioribus, haud sub lente tantum conspicuis nec in anfractu ultimo subevanidis, cristula umbilici minus longa et canalibus utriusque marginis latioribus distinguenda.“

XXXII. Pupina Vignard.

Pfr. Mon. Pneum. I. p. 193; II. p. 93; III. p. 92 (excluso §. 1). — *Pupina Martens* Ostas. Zool. II. p. 156. — *Pätel* Catal. 1873. p. 17. 120. — Tamquam sectiones denuo injungantur *Registoma Hass.* (*Pfr.* Pneum. I. p. 144; II. p. 96; III. p. 97), *Callia Gray* (*Pfr.* Pneum. I. p. 148; II. p. 97; III. p. 98), et novae: *Hargravesia H. Adams* in Proc. Zool. Soc. 1870. p. 794 *) et ? *Hyalopsis Pease* **). — *Moulinsia Grat.*

Conspectus specierum.

A. Eupupina	§. 1.	Nr.	1—23.
B. Registoma	§. 2.	—	24—35.
C. Hargravesia	§. 3.	—	36—37.
D. ? Hyalopsis	§. 4.	—	38.
E. Callia	§. 5.	—	39—42.

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§. 1.

1. superba Pfr. II. 94. III. 93. — *Martens* Ostas. Zool. II. p. 156. — Sumatra.

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*) „Testa subovata, polita, callo nitido obducta; apertura circulari; peristoma simplex, subincrassatum, margine dextro juxta insertionem canaliculato. — Canalis in margine columellari nullus.“ (A.)

**) „Testa pupaeformis, callo nitido obducta; perist. simplex, vix incrassatum, margine columellari integro, canali verticali ad insertionem marginis dextri. Apertura circularis. (*Hyalopsis* novum genus seu Pupinae subgenus: *Harper Pease* in Amer. journ. conch. VII. 1872. p. 27.) — Nonne = *Hargravesia*?

2. Ottonis Dohrn. (Coll. 1.) III. 93. — *Pätel* Cat. p. 121. — Ins. Mindanao.
3. Vescoi Morelet. (Coll. 2.) III. 94. — *Pätel* Cat. p. 121. — *Morelet* Sér. conch. IV. 1875. — Ins. Poulo Condor Cochinchinae.
4. bilinguis Pfr. (Coll. 3.) I. 142. II. 94. III. 94. — *Cox* Mon. Austr. landsh. p. 100. t. 16. f. 6. 6 a. b. — *Pätel* Cat. p. 121. — Australia.

5. P. robusta Cox. †

„Testa oblongo-ovata, mediocriter solida, polita, lucida, pellucida, non striata, pallide lutescenti-vel rubescenti-cornea; spira ovato-conica, obtusa, sutura in anfractibus 2 ultimis tenuiter callosa; anfr. 5—6, ultimus antice reliquos superans, penultimus superioribus aequalis; apertura fere circularis, verticalis, extrorsum oblique producta; perist. et auriculae alba vel pallida, incrassata, expansa; canalis superus latus, verticalis, lamina frontem triangularem ostendente marginatus; canalis inferior columellam alte supra medium secans, antice lamellam parvam triangularem formans. — Long. 0,33, lat. 0,17; apert. lat. 0,10 poll.“ (C. angl.)

Pupina robusta Cox Monogr. Austr. landsh. p. 101. t. 16. f. 13. 13 a. b.
— — *Pätel* Catal. p. 121.

Habitat Warro, Port Curtis, Queensland (Blachman).

Obs. „Peraffinis *P. bilingui*, sed minor, robustior, labro non continuo, linea axiali aperturae multo obliquiore et canali infero altius posito discrepans.“

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6. ventrosa Dohrn. (Coll. 4.) III. 94. — *Cox* Mon. Austr. landsh. p. 102*). t. 16. f. 14. 14 a. b. — *Pätel* Cat. p. 121. — Cape York Australiae.
7. imbricifera Bens. II. 94. III. 95. — *Godwin Austen* in Journ. As. Soc. XXXIX. 1870. p. 8. t. 2. f. 8. — India.
8. aurea Hinds. (Coll. 5.) I. 142. II. 95. III. 95. — *Pätel* Cat. p. 121. — Nova Hibernia.

9. P. aureola Stoliczka. †

„P. testa oblique ovata, apice breviter sub-acuta, glaberrima, politissima, moderate solida, intense vel luteole succinea, prope peristoma aurea; anfractibus 6, convexiusculis, in adultis sutura indistincta junctis, primis duobus sub-mammillatis, ultimo spira breviore, valde descendente; apertura parva, circulari, labio incrassato, sulco satis profundo ab anfr. penultimo

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*) Minor et minus elongata, quam *P. bilinguis*; apertura versus axin minus obliqua.“ (Cox.)

separato; incisionibus angustis sed profundis; labro antice sensim producto, extus paulum incrassato, aureo tincto. — Operculum orbiculare, altum, corneum, ad utrumque latus paulo concavum, ex lamella spiraliter torta tenuissima compositum, nucleo depresse circulari, paullulum incrassato instructum. — Long. testae 8,8, lat. ad medium 5, diam. apert. ext. 2,3 mm." (St.)

Pupina aureola Stol. in Journ. As. Soc. Beng. XLI. Pt. 2. 1872. p. 267. t. 10. f. 11. 12.

Habitat in insula Penang.

Obs. „Species *P. aureae Hinds* proxime affinis; differt apertura angustiore, anfractu ultimo breviore, leviter contracto et lateraliter magis producto."

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10. Mouhoti Pfr. III. 95. — *Pfr.* in Proc. Zool. Soc. 1862. t. 36. f. 7. — *Mouhot* Trav. II. tab. ad p. 186. f. 7. (*Martens* Ostas. Zool. II. p. 67.) — Camboja.
11. Arula Bens. II. 95. III. 95. — Birmania.
12. Peguensis Bens. † III. 95. — *Bens.* in Ann. and Mag. n. h. 3d. ser. VI. 1860. p. 192. — Pegu.
13. Thomsoni Forb. (Coll. 6.) I. 142. II. 95. III. 96. — *Cox* Mon. Austr. landsh. p. 102. t. 16. f. 12. 12 a. b. — *Pupina Thompsoni H. & A. Adams, Pätel* Cat. p. 121. — Ins. Fitzroy.
14. bicanaliculata Sow. (Coll. 7.) I. 143. II. 95. III. 96. — *Pätel* Cat. p. 121. — Ins. Philippin.
15. Japonica Martens. † III. 96. — *Martens* Ostas. Zool. II. p. 114. — *Pupinella japonica Pätel* Cat. p. 120. — An huc *Pupinopsis Mindorensis Ad.* (p. 146)? — Japonia.

16. P. Pfeifferi H. Adams. †

„T. ovata, tenuiscula, laevigata, subpellucida, corneofulva; spira obtuse conica; anfr. 5, summi convexiusculi, sequentes planiores, ultimus spiram superans, antice non descendens; sutura simplex; apertura subverticalis, circularis; paries aperturalis lamella arcuata, tenui, margine dextro soluta munitus; columella dissecta, processum linguiformem triangularem exhibens; perist. incrassatum, breviter expansum, margine dextro subsinuato. — Long. 9, diam. 5 mill." (A.)

Pupina Pfeifferi H. Adams in Proc. Zool. Soc. 1865. p. 416. t. 21. f. 11. 12. Nec *Dohrn.* Conf. *Mart.* Ostas. Zool. II. p. 156.

— *Pfeifferiana H. Adams* in Proc. Zool. Soc. 1869. p. 275.

Habitat in insula Batchian.

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17. artata Bens. (Coll. 8.) II. 96. III. 96. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 5. — *Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 151. — *Pätel* Cat. p. 120. — Birmania.

18. P. difficilis O. Semper.

„T. pupaeformis, ovato-cylindrica, nitidissima, glabra, corneo-rubella; spira obtusula; sutura laevis, callosa, submarginata; anfr. 5, planati, ultimus spiram subaequans, valde descendens, ad aperturam brevissime ascendens; apertura circularis, subverticalis, basi protracta; lamella parietalis minuta, acuta, intrans, callo subcircumscripto, anfractu ultimo affixo ad basin columellae decurrens, cum peristomio canalem angustum formans; columella subverticaliter dissecta; peristoma albescens, incrassatum, margine dextro intus superne subtuberculato. — Operculum tenue, corneum, arctispirum, suturis subelevatis. — Long. 7, diam. 3,50 mill.; apertura intus 1,50 mill. longa. (S. — Coll. Nr. 9.)

β. Minor, long. 5,50 mill., peristomio minus incrassato, apertura basi minime protracta.

Pupina difficilis O. Semper in Proc. Zool. Soc. 1864. p. 252; Journ. Conch. XIII. 1865. p. 407. t. 12. f. 8.
— — *Pätel* Catal. p. 121.

Habitat in insulis Palaos, Peleliu, var. Aibukut.

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19. Keraudreni Vign. (Coll. 10.) I. 143. II. 96. III. 96. — *Pupina mitis Hinds.* — Nova Hibernia, ins. Salomonis.

20. Strangei Pfr. II. 96. III. 96. — *Cox* Mon. Austr. landsh. p. 103. — Moreton-Bay Australiae.

21. Pfeifferi Dohrn. † III. 96. — *Cox* Mon. Austr. landsh. p. 103. t. 16. f. 9. 9 a. b. — *Pätel* Cat. p. 121. — Cape Flattery Australiae.

22. P. Wilcoxi Cox. †

„P. testa ovata, nitidissima hyalina rubro lutescente leviuscula; spira obtusa; anfractibus sex, duobus ultimis aequalibus et maximis, ceteris gradatim decrescentibus; apertura obliqua, orbiculari, externe producta; peristomate albo, vix incrassato non continuo, reflexo, canalibus duobus interrupto, canali superiore ad partem superiorem vel angulum aperturae, inferiore ceterum vix aequante et columellam intersecante. — Long. 0,35, diam. 0,17 unc.“ (C.)

Pupina Wilcoxi Cox in Ann. and Mag. 3d. ser. XIV. 1864. p. 183; Catal. Austral. landshells 1864. p. 32; Monogr. Austr. landsh. p. 101. t. 16. f. 15. 15 a. b.

Registoma Wilcoxi Pätel Catal. p. 121.

Habitat Clarence River Australiae (Wilcox).

23. P. pineticola Cox. †

„P. testa ovata, nitidissima, polita, solidiuscula, hyalina; spira obtusa; anfractibus quinque, ultimo maximo, plusculum quam dimidium testae aequante, proximo latitudine aequali, caeteris celeriter decrescentibus; apertura modice obliqua, fere orbiculari; peristomate albo crasso reflexoque, canalibus duobus interrupto, canali superiore externoque angusto, intus plica concava prominente alba formato, canali altero ad medium oris externe aperto et columellam separante; operculo corneo, paucispirali. — Long. 0,20, diam. 0,12, apert. 0,09 unc." (C.)

Pupina pineticola Cox in Proc. Zool. Soc. 1866. p. 375; Mon. Austr. landsh. p. 102. t. 16. f. 8. 8 a. b.

— *punctata „Cox" Pätel* Catal. p. 121?

Habitat „Pine Mountain, Lismore, Upper Richmond River" Australiae (Macgillivray).

§. 2.

24. solitaria Martens. † III. 97 (Registoma). — *Pupina solitaria* (Rhegistoma) *Martens* Ostas. Zool. II. p. 156. — Ins. Molucc. Makian et Moti.

25. grandis Gray. (Coll. 11.) I. 145. II. 97. III. 97 (Registoma). — *Pupina Nunezii Sow.*, *aurantia Mörch.* — *Pupa aurantia Grat.* — *Moulinsia Nunezii Grat.* — *Registoma grande Pätel* Cat. p. 121. — Forma juvenilis: *Helix problematica Pfr.* olim. — Ins. Philippin.

26. P. Junghuhni (Rhegistoma) Herklots. †

„Testa ventricose ovata, alba, callo nitido pallide aurantio obducta; spira sursum sensim attenuata, obtusiuscula; sutura callo obsoleta; anfr. 5, convexiusculi, regulariter crescentes; apertura subobliqua, subcircularis; peristoma incrassatum, distincte expansum, fauce alba; canalis superus lamina valida parietali et sinu leviter recedente marginis externi formatus; canalis inferus angustus, at profundus, angulo recto in marginem columellarem incisus, foramine externo circulari. — Long. 11, diam. maj. 9, min. $5^2/_3$; apert. alt. 6, lat. 5 mill." (v. M.)

Rhegistoma Junghuhni Herklots in Mus. Lugdun.

Pupina Junghuhni (Rhegistoma) *Mart.* Ostas. Zool. II. p. 156.

Habitat in insula Java (Junghuhn).

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27. pellucida Sow. (Coll. 12.) I. 145. II. 97. III. 97 (Registoma). — *Registoma pellucidum Pätel* Cat. p. 121. — Ins. Philippin.

28. similis Sow. (Coll. 13.) I. 146. II. 97. III. 97 (Registoma). — *Registoma simile Pätel* Cat. p. 121. — Ins. Philippin.

29. P. ambigua (Registoma) O. Semper.

„T. imperforata, ovato-elongata, glabra, nitida, subpellucida, flavido-grisea, aperturam versus aurantiaca; spira subacuminata, mamillata; anfract. $5^1/_2$, convexiusculi, superiores regulariter crescentes, mediani inflatuli, ultimus spira brevior, descendens; sutura impressa, filomarginata, callosa; columella parva, in adultis angulum obtusum cum peristomate formans, in adolescentibus incisura obliqua a peristomate disjuncta; apertura subascendens, subcircularis, verticalis, basi non protracta; peristoma incrassatum, aurantiacum. — Operculum tenue, corneum, arctispirum, suturis leviter elevatis, intus medio papillatum. — Long. 8, diam. 4,25 mill.; apert. intus 2,50 mill. longa." (S. — Coll. Nr. 14.)

Registoma ambiguum O. Semp. in Proc. Zool. Soc. 1864. p. 251; Journ. Conch. XIII. 1865. p. 406. t. 12. f. 9. 9 a.
— — *Pätel* Catal. p. 121.

Habitat in parte septentrionali insulae Luzon (Dr. C. Semper).

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30. fusca Gray. (Coll. 15.) I. 146. II. 97. III. 97 (Registoma). — *Pupina vitrea Sow.* — *Registoma fuscum Pätel* Cat. p. 121. — Ins. Luzon et Mindanao.

31. Cumingiana Pfr. (Coll. 16.) II. 97. III. 97 (Registoma). — *Registoma Cumingianum Pätel* Cat. p. 121. — Ins. Tanna Novarum Hebrid., var. Nova Caledonia.

32. exigua Sow. I. 147. II. 97. III. 97 (Registoma). — Ins. Zebu Philippinar.

33. Nicobarica Pfr. I. 147. II. 97. III. 97 (Registoma). — *Registoma nicobarica Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 879. — Ins. Nicobar.

34. complanata (Registoma) Pease. † III. 97. — Rhegistoma *Martens & Langk.* Don. Bismark. p. 58. — *Registoma complanatum Pätel* Cat. p. 121. — Marshall's Group.

35. P. Brazieri (Registoma) Crosse. †

„T. oblongo-ovata, tenuiuscula, pellucida, vitrea, laevigata, nitidissima, fusco-flavescens aut albido-lutea; spira subconica, apice obtuso; sutura linea albida marginata, callo obtecta; anfr. 6 plano-convexiusculi, penultimus subinflatus, ultimus basi attenuatus; apertura subcircularis; peristoma incrassatum, albido-carneum, margine columellari brevissimo, supra basin inciso. — Operculum tenue, stramineo-corneum. — Long. $5^1/_2$, diam. maj. $2^1/_2$ mill. Apert. $1^1/_2$ mill. longa, $1^1/_2$ lata." (Cr.)

Registoma Brazieri Crosse in Journ. Conch. XVIII. 1870. p. 250; XIX. 1871. p. 321. t. 13. f. 6.

Habitat Erromanga Archipelagi Novarum Hebridarum (J. Brazier).

Obs. „Species *R. complanato Pease* simillima, sed minor, magis ventricosa, columella breviore et incisura basi minus vicina distincta."

§. 3.

36. P. polita (Hargravesia) H. Adams. †

„H. testa imperforata, ovato-acuminata, solidula, laevigata, polita, flavo-fusca; spira convexo-conica, apice acutiusculo, sutura callosa, leviter impressa; anfr. 6, convexiusculis, ultimo basi attenuato, spiram aequante; apertura circulari, sursum spectante, callo parietali linguiformi, subobliquo, margini dextro approximato munita; perist. paulum incrassato, ad parietem aperturalem adnato. — Long. 9$^1/_2$, diam. 6, apert. diam. 3 mill." (Ad.)

Hargravesia polita H. Adams in Proc. Zool. Soc. 1870. p. 795. t. 48. f. 22.
— — *Pätel* Catal. p. 121. —

Habitat in insulis Salomonis (Hargraves).

37. P. Adamsiana Crosse. †

„T. imperforata, ovato-oblonga, pupaeformis, glaberrima, nitida, tenuissima, pellucida, pallide fusculo-albida, hyalina; spira ovato-conoidea, apice obtusulo; sutura linearis; anfr. 6 convexiusculi, ultimus vix ascendens, $^3/_7$ longitudinis subaequans, latere aperturae planulatus, basi leviter attenuatus, apertura subverticalis, fere circularis, lamella parietali arcuata, valida, prominula, alba coarctata, intus concolor; peristoma expansiusculum, album, margine columellari brevi, haud inciso, basali et externo rotundatis. — Long. 7, diam. maj. 3$^1/_2$ mill. Apert. vix 2 mill. longa, 2 lata." (C.)

Pupina Adamsiana Crosse in Journ. Conch. XIX. 1871. p. 330; XX. 1872. p. 60. t. 2. f. 6.

Habitat in insula Vanua-Levu (Wright).

Obs. Pertinet ad sectionem *Hargravesiam H. Adams.*

§. 4.

38. P. tumida (Hyalopsis) Pease. †

„T. dextrorsa, oblique ovata, nitida, pellucida, laevigata, fulvo-cornea; anfr. 5, rotundato-convexis tumidis; apice vix

obtusa; sutura filo-marginata; perist. circulare, vix incrassatum, album. — Alt. $7^1/_2$, diam. 5 mill.“ (P.)

Hyalopsis tumida Harper Pease in Amer. journ. conch. VII. 1872. p. 27. t. 9. f. 6.

Habitat in insulis Salomonis (Brazier).

§. 5.

39. lubrica Sow. (Coll. 17.) I. 148. II. 98. III. 98 (Callia). — *Callia lubrica Gray, Pätel* Cat. p. 121. — Ins. Philippin.

40. splendens (Callia) Dohrn. (Coll. 18.) III. 98 (Callia). — *Callia splendens Cox* Mon. Austr. landsh. p. 33. t. 17. f. 8. 8 a. b. — *Pätel* Cat. p. 121. — Lizard Island Australiae.

41. P. Amboinensis (Callia) Martens. †

„Testa ovata, apice conica, pallide rubella, sutura distincta, saepius rubro-picta; anfr. 5, penultimus maximus, inflatus, ultimus brevior, praecipiter descendens, axem ceterorum non excedens; apertura verticalis, subcircularis; peristoma expansiusculum, obtusum, albidum, vix continuum. — Long. 6—$6^1/_2$, diam. maj. $4^1/_2$, min. $3^1/_3$; apert. $2^1/_2$ mill.“ (v. M.)

Callia Amboinensis Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 53.
Pupina Amboinensis (Callia) *Mart.* Ostas. Zool. II. p. 157. t. 4. f. 13.

Habitat in insula Amboina, nec non Ceram.

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42. Wallacei (Callia) Pfr. (Coll. 19). III. 98 (Callia). — *Martens* Ostas. Zool. II. p. 158 *). t. 4. f. 12. — Ins. Ceram.

Ubi descripta?

Pupina Blanfordi Theob. & Stoliczka in Journ. As. Soc. XLI. 1872. p. 334: Arakan.

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*) „Testa valde obliqua, apice fere complanata, rubella; sutura vix distincta; anfr. 4—$4^1/_2$, penultimus angulosus, brevis, ultimus longe maximus, ambo ex axi superiorum deviantes, at inter sese paralleli; apertura pro anfractu ultimo verticalis, circularis; peristoma aurantium, rectum, obtusum, marginibus late disjunctis. — Long. 6, diam. maj. 3, min. 3; apert. $1^1/_2$ mill. — Amboina, Buru.“

Subfam. V. Licinea.

Pfr. Mon. Pneum. II. p. 98; III. p. 99.

XXXIII. Jamaicia C. B. Adams.

Pfr. Mon. Pneum. I. p. 149; II. p. 98; III. p. 99. — *Pätel* Catal. 1873. p. 17. 121.

Species:

1. anomala (Cyclostoma) C. B. Adams. (Coll. 1.) I. 149. II. 98. III. 99. — *Choanopoma anomalum H. & A. Adams.* — Jamaica.
2. Moussoniana (Cyclostoma) C. B. Adams. (Coll. 2.) I. 150. II. 98. III. 99. — *Pätel* Cat. p. 121. — *Choanopoma Moussonianum Ad.* — Jamaica.

XXXIV. Licina Gray.

Pfr. Mon. Pneum. I. p. 150; II. p. 98; III. p. 99. — *Pätel* Catal. 1873. p. 17. 121. — Species ignoto operculo dubiae, diversis generibus verosimiliter inserendae.

Species:

1. labeo (Nerita) Müll. I. 151. II. 98. III. 99. — *Turbo labeo Gmel.* — *Cyclostoma labeo Lam.* — *Licina rugosa P. Browne, labeo Gray.* — *Choanopoma labeo Ad.* — Habitat?
2. dubia (Turbo) Gmel. I. 152. II. 98. III. 99. — *Turbo lincina Born.* — *Cyclostoma Borni Pfr., dubium Pfr.* — *Licina Borni Pfr.* — — *Choanopoma lincina Ad.* — Habitat?
3. evoluta (Cyclostoma) Reeve. (Coll. 1.) I. 152. II. 98. III. 99. — *Cyclostoma subasperum Sow.* — *Cistula decussata Humphr.* — *Choanopoma evolutum Ad.* — Haiti.
4. percrassa Wright. (Coll. 2.) III. 253. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 274. Nr. 387. t. 68. f. 1. 2. — *Pätel* Cat. p. 121. — An Chondropomatis species? — Cuba.
5. Reeveana Pfr. I. 153. II. 98. III. 99. — *Cyclostoma decussatum Sow., Reeveanum Pfr.* — *Choanopoma Reevianum Ad.* — India occidentalis.
6. rete Weinland. III. 99. — Haiti.

XXXV. Choanopoma Pfr.

Pfr. Mon. Pneum. I. p. 154; II. p. 99; III. p. 100. — *Pätel* Catal. 1873. p. 17. 121.

Conspectus specierum.

A.	Oblongae vel ovato-conicae . .	§. 1.	Nr.	1—23.
B.	Subscalares	§. 2.	—	24—26.
C.	Globoso-conicae.			
	1. Margine peristomatis undulato	§. 3.	—	27—37.
	2. — — plano . .	§. 4.	—	38—45.
D.	Depressae	§. 5.	—	46—55.

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§. 1.

1. majusculum Morelet. (Coll. 1.) I. 154 (*mactum*). II. 99. III. 100. — *Pätel* Cat. p. 121. — *Cyclostoma majusculum Mor., mactum Poey.* — Cuba.
2. decussatum (Cyclostoma) Lam. (Coll. 2.) I. 155. II. 99. III. 100. — *Pätel* Cat. p. 121. — *Cistula? decussata Gray.* — Portorico.
3. senticosum (Cyclostoma) Shuttl. (Coll. 3.) II. 99. III. 100. — *Pätel* Cat. p. 121. — Portorico.
4. Bebini (Cyclostoma) Arango. (Coll. 4.) III. 100. — Cuba.
5. Blaini (Cyclostoma) Gundl. (Coll. 5.) III. 101. — Cuba.
6. minium (Cyclostoma) Gundl. (Coll. 6.) III. 101. — *Pätel* Cat. p. 121. — Cuba.
7. tractum (Cyclostoma) Gundl. (Coll. 7.) III. 102. — *Pätel* Cat. p. 121. — Cuba.

8. Ch. Sumichrasti Crosse & Fischer. †

„Testa anguste perforata, oblongo-turrita, solidula, longitudinaliter dense costulato-striata (costulis gracilibus, vix subarcuatis), pallide cinnamomea, transversim saturate castaneo eleganter bifasciata; spira elevata, apice truncata; sutura impressa; anfractus superstites 4 convexi, ultimus reliqua spira minor ($5:9^1/_2$), breviter solutus, basi subplanatus, fasciis 4, prima haud procul a sutura sita, secunda paulo latiore, vix inframediana, tertia et quarta basalibus, transversim cinctus; apertura subcircularis, intus pallide cinnamomea, fasciis anfractus ultimi transmeantibus; peristoma liberum, duplex: internum breviter reflexiusculum, nitidum, pallide cinnamomeo-

luteum, externum fere nullum, juxta locum insertionis angulatim expansiusculum, pallide cinnamomeo-luteum. — Operculum subcirculare, extus testaceum, sordide albidum, margine externo libero, in lamellam solutam, parum elevatam, mox planatam producto; nucleo subexcentrico. — Long. $14^1/_2$, diam. maj. 8 mill. Apert. $4^1/_2$ mill. longa, $4^1/_4$ lata." (Cr.)

Choanopoma Sumichrasti Crosse & Fisch. in Journ. Conch. XXII. 1874. p. 283.

Habitat in isthmo Tehuantepecensi reipublicae Mexicanae (Sumichrast).

9. ? Ch. Smithianum Pfr.

T. subpervie perforata, ovato-turrita, truncata, tenuiuscula, costis chordiformibus elevatis, confertis sculpta, translucida, lutescenti-cornea, seriebus punctorum ruforum ornata; spira convexiusculo-turrita, breviter truncata; sutura costis excurrentibus irregulariter crenata; anfr. superst. 4 convexi, ultimus basi vix solutus, circa perforationem angulatus; apertura subverticalis (axin paulo excedens), circularis; perist. duplex: internum vix prominulum, externum breviter adnatum, subaequaliter latiuscule expansum, spiraliter striatum. — Operc.? — Long. $11^1/_2$, diam. 6 mill. (Coll. Nr. 8.)

Choanopoma? Smithianum Pfr. in Malak. Bl. XIII. 1866. p. 88.

Habitat in insula Haiti.

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10. Puertoplatense Pfr. (Coll. 9.) III. 102. — Puerto Plata insulae Haiti.
11. Jiguanense Pfr. (Coll. 10.) III. 102. — *Choanopoma iguanense Pätel* Cat. p. 121. — Cuba.
12. perplicatum (Cyclostoma) Gundl. (Coll. 11.) II. 100. III. 103. — *Pätel* Cat. p. 121. — Cuba.
13. Sauvallei (Cyclostoma) Gundl. (Coll. 12.) III. 103. — *Ctenopoma Sauvallei Pätel* Cat. p. 121. — Cuba.
14. Arangianum (Cyclostoma) Gundl. (Coll. 13.) II. 100. III. 103. — Cuba.
15. sulculosum (Cyclostoma) Fér. (Coll. 14.) I. 242 (Cyclostomus?). II. 100. III. 103. — Var. minor? *Cyclostoma suturale Fér.* — Ins. St. Bartholomé et Vieque.
16. granosum (Cyclostoma) C. B. Adams. (Coll. 15.) I. 155. II. 101. III. 103. — *Pätel* Cat. p. 121. — Jamaica.
17. Lachneri Pfr. (Coll. 16.) III. 103. — *Pätel* Cat. p. 121. — Cuba.
18. Troscheli Pfr. (Coll. 17.) III. 104. — *Pätel* Cat. p. 121. — Cuba.
19. Storchi Pfr. (Coll. 18.) III. 104. — Cuba.
20. occidentale Pfr. (Coll. 19.) III. 104. — *Bland* in Ann. Lyc. New-York XI. 1874. p. 85. — Ins. St. Martin (Rijgersma), non Martinique.
21. sordidum (Cyclostoma) Gundl. (Coll. 20.) II. 106 (Ctenopoma). III. 105. — Cuba.

22. Daudinoti (Cyclostoma) Gundl. (Coll. 21.) III. 105. — *Pätel* Cat. p. 121. — Cuba.
23. pisum (Cyclostoma) C. B. Adams. (Coll. 22.) I. 156. II. 207 (Ctenopoma). III. 105. — *Pätel* Cat. p. 121. — Var. *Cyclostoma virgineum C. B. Adams.* — Jamaica.

§. 2.

24. hystrix (Cyclostoma) Wright. (Coll. 23.) III. 105. — *Pätel* Cat. p. 121. — *Cyclostoma pterostomum Wright.* — Cuba.
25. echinus (Cyclostoma) Wright. (Coll. 24.) III. 106. — *Pfr.* Novit. conch. III. fasc. XXXIII. p. 275. Nr. 588. t. 68. f. 3—5. — *Pätel* Cat. p. 121. — Cuba.

26. Ch. Humboldtianum Pfr.

T. umbilicata, subscalariformis, tenuiuscula, striis confertis, subundulatis axi parallelis et lamellis aequidistantibus parum elevatis remote dentiferis sculpta, vix nitidula, cereoalbida; spira turbinata, breviter truncata; sutura lamellis serrata; anfr. superst. 5 rotundati, ultimus longe solutus, oblique descendens, dorso subangulatus, juxta umbilicum apertum liris 2 serratis praeditus; apertura subverticalis, oblongo-circularis; perist. tenue, subduplicatum, limbo externo rectangule patente, sublato, undulato, superne angulatim producto. — Operc. normale, marginibus anfractuum alte elevatis. — Long. 13, diam. anfr. penultimi 6; apert. long. $3^2/_3$ mill. (Coll. Nr. 25.)

Choanopoma Humboldtianum Pfr. in Malak. Bl. XIV. 1867. p. 150.
— *Humboldti Pätel* Catal. p. 121.

Habitat Santiago de Cuba (Jeanneret).

§. 3.

27. pulchrum (Turbo) Wood. (Coll. 26.) I. 157. II. 101. III. 106. — *Pätel* Cat. p. 121. — *Cyclostoma pulchrum Gray.* — *Cyclophora pulchra Swains.* — Jamaica.
28. Lincina (Turbo) Linn. (Coll. 27.) I. 158. II. 101. III. 107. — *Pätel* Cat. p. 121. — *Nerita licinia Müll.* — *Cyclostoma lincina Desh.* — Jamaica.
29. fimbriatulum (Cyclostoma) Sow. (Coll. 28.) I. 159. II. 101. III. 107. — *Gloyne* in Journ. Conch. XX. p. 38. — *Pätel* Cat. p. 121. — Jamaica.
30. Chittyi (Cyclostoma) C. B. Adams. (Coll. 29.) I. 160. II. 101. III. 107. — *Pätel* Cat. p. 121. — Jamaica.
31. scabriculum (Cyclostoma) Sow. (Coll. 30.) I. 160. II. 101. III. 107. — *Pätel* Cat. p. 121. — *Cyclostoma amabile C. B. Ad.* — *Cistula scabricula Mörch.* — Jamaica.
32. Hillianum (Cyclostoma) C. B. Adams. (Coll. 31.) I. 161. II. 101. III. 107. — *Pätel* Cat. p. 121. — Varr.: *Cyclostoma amandum* et *aculeosum C. B. Ad.* — Jamaica.

33. spinulosum (Cyclostoma) C. B. Adams. (Coll. 32.) I. 162. II. 101. III. 107. — Jamaica.
34. mite (Cyclostoma) Pfr. I. 163. II. 101. III. 107. — Jamaica.
35. decoloratum (Cyclostoma) Gundl. (Coll. 33.) III. 107. — *Pätel* Cat. p. 121. — Cuba.
36. Pretrei (Cyclostoma) Orb. (Coll. 34.) I. 163. II. 101. III. 107. — *Pätel* Cat. p. 121. — Cuba.

37. **Ch. Gabbi Crosse.** †

„T. late et perspective umbilicata, brevissime depresso-conica, tenuiuscula sed solidula, vix translucida, transversim costulata et supra medium unicarinata, longitudinaliter liris validis, crebris elegantissime decussata, sordide albida, fusco obscure spiraliter zonata; spira brevissime conica, apice obtusulo; sutura profunde impressa, late canaliculata, denticulis subdistantibus, plerumque bifidis subobstructa; anfr. $4^1/_2$ breviter gradati, embryonales primi 2 sublaevigati, lutescentes, ultimus antice vix ascendens, pone marginem externum subconstrictus, basi subplanatus, carinis 5 denticulatis spiraliter cinctus, prima supramediana, secunda mediana validiore, acuta, tertia inframediana, quarta et quinta basalibus, inter secundam et tertiam zona fusca obscure pictus; umbilicus intus inconspicue costulatus; apertura oblique subhorizontalis, circularis, intus concolor; peristoma duplex, externum non liberum, expansum, latum, flexuose foliaceum, concentrice tenuissime striatulum, albidum, fusco obscure maculatum, internum breve, prominulum, rotundatum. — Operc. subnormale, margine anfractuum extus parum prominente. — Diam. maj. 7, min. $5^1/_2$, alt. 4 mill. Apert. $2^1/_4$ mill. longa et lata.“ (C.)

Choanopoma Gabbi Crosse in Journ. Conch. XXI. 1873. p. 353; XXII. 1874. p. 84. t. 3. f. 2.

Habitat in regione Dominicana insulae Haiti (W. M. Gabb).

§. 4.

38. interruptum (Cyclostoma) Lam. (Coll. 35.) I. 164. II. 101. III. 107. — *Gloyne* in Journ. Conch. XX. p. 38. — *Cyclostoma ambigua Deless.* — Jamaica.
39. lima (Cyclostoma) C. B. Adams. (Coll. 36.) I. 165. II. 102. III. 107. — *Gloyne* l. c. p. 38. — *Pätel* Cat. p. 121. — Var.: *Cyclostoma Blandianum C. B. Adams.* — Jamaica.
40. lincinellum (Cyclostoma) Lam. (Coll. 37.) I. 165. II. 102. III. 107. — *Pätel* Cat. p. 121. — *Cyclostoma Lincina Lam.*, *compressum Gray.* — *Turbo compressus Wood.* — *Cyclophora lincina Swains.* — Haiti.
41. Yaterasense (Cyclostoma) Pfr. (Coll. 38.) III. 107. — Cuba.
42. Yunquense (Cyclostoma) Pfr. (Coll. 39.) III. 108. — *Cyclotus Junquensis Pätel* Cat. p. 118. — Cuba.
43. fragile (Cyclostoma) Gundl. (Coll. 40.) III. 108. — Cuba.

44. Ch. Newcombi Crosse. †

„T. late et perspective umbilicata, breviter conica, tenuiuscula, subtranslucida, transversim liris numerosis, tenuibus impressa, longitudinaliter striis incrementi decussata, violaceofusca; spira turbinata, apice obtusulo; sutura profunde impressa, canaliculata, tenuissime et subregulariter denticulato-laciniata; anfr. vix 5 convexi, embryonales $1^1/_2$ sublaevigati, ultimus antice breviter ascendens, pone marginem externum albidus, basi subplanatus, ad umbilicum liris validioribus et magis distantibus munitus; apertura obliqua, circularis, intus livide violaceo-fusca; peristoma duplex, albidum, externum non liberum, expansum, imprimis ad occursum anfractus penultimi dilatatum, internum brevissimum, rotundatum. — Operc. normale. — Diam. maj. $9^1/_2$, min. 8, alt. 6 mill. Apert. 3 mill. longa et lata.“ (C.)

Choanopoma Newcombi Crosse in Journ. Conch. XXI. 1873. p. 352; XXII. 1874. p. 82. t. 3. f. 1. 1 a.

Habitat in regione Dominicana insulae Haiti (Gabb).

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45. serraticosta (Cyclostoma) Weinland. (Coll. 41.) III. 109. — *Chondropoma serraticosta Bland* in Ann. Lyc. N.-York XI. Jun. 1875. p. 151. — Haiti.

§. 5.

46. eburneum (Cyclostoma) Gundl. (Coll. 42.) III. 109. — Cuba.
47. auricomum (Cyclostoma) Gundl. (Coll. 43.) III. 109. — *Pätel* Cat. p. 121. — Cuba.
48. putre (Cyclostoma) Gundl. (Coll. 44.) III. 110. — *Pätel* Cat. p. 121. — Cuba.
49. alatum (Cyclostoma) Pfr. (Coll. 45.) I. 166. II. 102. III. 110. — *Pätel* Cat. p. 121. — Cuba.
50. solutum (Cyclostoma) Rich. (Coll. 46.) I. 167. II. 102. III. 110. — Haiti.

51. Ch. Moreletianum Crosse. †

„T. late et perspective umbilicata, suborbicularis, depressa, tenuiuscula, diaphana, costulis subdistantibus spiraliter cincta, lamellis gracilibus, compressis, ad occursum costularum spinulas cavas, tubuliformes, breves emittentibus longitudinaliter sculpta (interstitiis lamellarum tenuissime striatis), albida; spira subplanata, medio vix prominula, apice rotundato, obtusulo; sutura profunde impressa, subcanaliculata, occursu lamellarum denticulata; anfr. $4^1/_2$ subplanati, embryonales $1^1/_2$ laevigati,

albidi, ultimus subito descendens, basi planiusculus; apertura oblique subhorizontalis, circularis, intus albida; peristoma non omnino liberum, duplex, albidum, fusco vix obscure guttatum, externum dilatatum, tenue, foliaceum, concentrice striatum, juxta insertionem in alam latam, adnatam abiens, internum tenue, rotundatum, prominulum, brevissime tubuliforme. — Operc. intus subplanatum, medio vix concaviusculum, lutescens, extus cavatum, marginibus anfractuum valde prominentibus et fere verticaliter elevatis, albidum. — Diam. maj. 12, min. vix 10, alt. 5 mill. Apert. 3 mill. longa et lata." (C.)

Choanopoma Moreletianum Crosse in Journ. Conch. XXI. 1873. p. 354; XXII. 1874. p. 85. t. 3. f. 3. 3 a.

Habitat in regione Dominicana insulae Haiti (W. M. Gabb).

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52. Wilhelmi Pfr. (Coll. 47.) III. 110. — *Pätel* Cat. p. 121. — Haiti.
53. Rosaliae Pfr. (Coll. 48.) III. 111. — Haiti.
54. Adolfi (Cyclostoma) Pfr. (Coll. 49.) I. 167. II. 102. III. 111. — Haiti.
55. tentorium (Cyclostoma) Pfr. (Coll. 50.) I. 168. II. 102. III. 111. — *Pätel* Cat. p. 121. — Haiti.

XXXVI. Cyclotopsis W. T. Blanford.

Pfr. Mon. Pneum. III. p. 111. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 447; ibid. 4th. ser. III. 1869. p. 342. — *Pätel* Catal. 1873. p. 17. 121: genus Licineorum.

Species:

1. semistriata (Cyclostoma) Sow. (Coll. 1.) I. 22. II. 20 (Cyclotus). III. 112. — *Blanf.* l. c. 1864. p. 447. — *Pätel* Cat. p. 121. — *Cyclostoma fasciatum Hutt.* — *Cyclophorus semistriatus „Pfr.“ Pätel* Cat. p. 119? — India orientalis.
2. subdiscoidea (Cyclostoma) Sow. I. 31. II. 23 (Cyclotus). III. 112. — *Cyclostoma rusticum Pfr., aratum Bens.* — *Cyclotus aratus Pfr.* (Mon. I. 31), *Pfeifferi Gray.* — India orientalis.
3. conoidea (Cyclostoma) Pfr. (Coll. 2.) I. 33. II. 22. III. 29 (Cyclotus). — *Blanford* in Ann. and Mag. n. h. 4th. ser. III. p. 342. — *Cyclostoma spurcum Sow.* — Ins. Sechell., Mauritius.

XXXVII. Ctenopoma Shuttleworth.

Pfr. Mon. Pneum. II. p. 102; III. p. 112. — *Pätel* Catal. 1873. p. 17. 121: genus Licineorum.

Conspectus specierum.

A.	Umbilico clauso	§. 1.	Nr.	1— 6.
B.	Subrimatae	§. 2.	—	7— 9.
C.	Perforatione sublibera.			
	a. Peristomate subsimplice . . .	§. 3.	—	10—11.
	b. — duplice	§. 4.	—	12—19.
	c. — undulato vel crenato	§. 5.	—	20—26.

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§. 1.

1. torquatum (Cyclostoma) Gutierrez. (Coll. 1.) II. 105. III. 112. — Cuba.
2. echinatum (Cyclostoma) Gundl. (Coll. 2.) II. 103. III. 113. — *Pätel* Cat. p. 121. — Cuba.
3. honestum (Cyclostoma) Poey. (Coll. 3.) II. 105. III. 113. — *Pätel* Cat. p. 121. — *Cyclostoma Rugelianum Shuttl.* — Cuba.
4. undosum (Cyclostoma) Gundl. (Coll. 4.) III. 113. — *Pätel* Cat. p. 121. — Cuba.
5. pulverulentum (Cyclostoma) Wright. (Coll. 5.) III. 113. — *Pätel* Cat. p. 121. — Cuba.
6. ? bufo Pfr. (Coll. 6.) III. 113. — Cuba.

§. 2.

7. argutum (Cyclostoma) Pfr. (Coll. 7.) I. 283 (*Chondropoma elongatum β*). II. 138 (Chondropoma). III. 114. — Santiago de Cuba.
8. Dominicense (Cyclostoma) Pfr. (Coll. 8.) I. 242 (Cyclostomus). II. 107. III. 114. — Haiti.
9. rotundatum (Cyclostoma) Poey. (Coll. 9.) II. 105. III. 114. — *Pätel* Cat. p. 121. — Cuba.

§. 3.

10. Garridoianum (Cyclostoma) Gundl. (Coll. 10.) III. 114. — *Pätel* Cat. p. 121. — Cuba.
11. ? Campbelli (Cyclostoma) C. B. Adams. I. 274 (Cistula?). II. 106. III. 114. — Jamaica.

§. 4.

12. bilabiatum Orb. (Coll. 11.) I. 241 (*Cyclostomus salebrosus*). II. 102. III. 114. — *Pätel* Cat. p. 121. — *Cyclostoma bilabiata Orb., Dorbignyanum Petit, salebrosum Morelet.* — *Choanopoma? bilabiatum Gray.* — Cuba.

13. **Ct. Bryanti Pfr.**

T. perforata, oblongo-turrita, truncata, solidula, spiraliter lirata et striis confertissimis liras transgredientibus sculpta, opaca, albida; anfr. superst. 3—$3^1/_2$, convexi, sutura canaliculata, crenulata disjuncti, ultimus antice breviter solutus, dorso carinatus; apertura subverticalis, angulato-lunaris, intus alba, nitida; perist. continuum, margine dextro recto, sinistro duplicato, limbo externo breviter patente, subcrenulato. — Operc. normale. — Long. 16, diam. 9 mill. Apert. intus $5^2/_3$ mill. longa, 5 lata. (Coll. Nr. 12.)

Ctenopoma Bryanti Pfr. in Malak. Bl. XIV. 1867. p. 130.

Habitat Great Inagua insularum Bahamensium (Dr. Bryant).

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14. Bahamense (Cyclostoma) Shuttl. (Coll. 13.) III. 115. — *Pätel* Cat. p. 121. — New Providence ins. Bahamensium.

15. rugulosum (Cyclostoma) Pfr. (Coll. 14.) I. 238 (Cyclostomus). II. 103. III. 115. — *Binn.* Land- and freshw. sh. North-Am. III. p. 97. f. 195. — *Pätel* Cat. p. 121. — *Cyclostoma nodulatum* et *denegatum Poey, clathratum Gould.* — *Cistula rugulosa Gray.* — *Ctenopoma denegatum Pätel* Cat. p. 121. — Cuba, Florida.

16. immersum (Cyclostoma) Gundl. (Coll. 15.) III. 115. — Cuba.

17. nigriculum (Cyclostoma) Gundl. (Coll. 16.) III. 116. — *Pätel* Cat. p. 121. — Cuba.

18. sculptum (Cyclostoma) Gundl. (Coll. 17.) II. 103. III. 116. — *Pätel* Cat. p. 121. — Cuba.

19. Wilkinsoni (Cyclostoma) C. B. Adams. (Coll. 18.) I. 239 (Cyclostomus). II. 107. III. 116. — *Pätel* Cat. p. 121. — Var.: *Cyclostoma modestum C. B. Adams.* — Jamaica.

§. 5.

20. Jeannereti Pfr. (Coll. 19.) III. 116. — *Pätel* Cat. p. 121. — Cuba.

21. perspectivum (Cyclostoma) Gundl. (Coll. 20.) III. 116. — *Pätel* Cat. p. 121. — Cuba.

22. semicoronatum (Cyclostoma) Gundl. (Coll. 21.) III. 117. — *Pätel* Cat. p. 121. — Cuba.

23. coronatum (Cyclostoma) Gundl. (Coll. 22.) II. 104. III. 117. — Cuba.

24. deficiens (Cyclostoma) Gundl. (Coll. 23.) II. 104. III. 117. — *Pätel* Cat. p. 121. — Cuba.

25. nobilitatum (Cyclostoma) Gundl. (Coll. 24.) III. 117. — *Pätel* Cat. p. 121. — Cuba.

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26. enode (Cyclostoma) Gundl. (Coll. 25.) III. 118. — *Pätel* Cat. p. 121. — Cuba.

XXXVIII. Diplopoma Pfr.

Pfr. Mon. Pneum. III. p. 118. — *Pätel* Catal. 1873. p. 17. 121.

Species unica.

1. architectonicum (Cyclostoma) Gundl. (Coll. 1.) III. 119. — *Pätel* Cat. p. 121. — Cuba.

XXXIX. Adamsiella Pfr.

Pfr. Mon. Pneum. I. p. 168; II. p. 107; III. p. 119. — *Bland* in Amer. journ. conch. II. 1866. p. 60. — *Pätel* Catal. 1873. p. 17. 121.

Conspectus specierum.

A. Pupaeformes.				
1. Anfractu ultimo non soluto.				
a. Sutura simplice	§. 1.	Nr.	1— 3.
b. — crenata	§. 2.	—	4— 5.
2. Anfractu ultimo antice soluto .	§. 3.	—	6—10.
B. Oblongo-turritae	§. 4.	—	11—17.

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§. 1.

1. mirabilis (Turbo) Wood. (Coll. 1.) I. 168. II. 107. III. 119. — *Cyclostoma mirabile Gray, decussatum C. B. Adams.* — *Choanopoma mirabile Gray.* — Jamaica.
2. miranda (Cyclostoma) C. B. Adams. (Coll. 2.) I. 169. II. 108. III. 119. — *Pätel* Cat. p. 121. — *Cyclostoma mirabile Sow.?* — Jamaica.

3. pulchrior (Cyclostoma) C. B. Adams. (Coll. 3.) I. 170. II. 108. III. 119. — *Pätel* Cat. p. 121. — *Cyclostoma Binneyanum C. B. Adams.* — *Choanopoma Binneyanum Gray.* — Jamaica.

§. 2.

4. variabilis (Cyclostoma) C. B. Adams. (Coll. 4.) I. 171. II. 108. III. 120. — *Gloyne* in Journ. Conch. XX. p. 39. — *Pätel* Cat. p. 121. — *Cyclostoma mutatum C. B. Adams, articulatum Sow.* — *Choanopoma articulatum Pfr.* olim. — Jamaica.
5. Grayana Pfr. (Coll. 5.) I. 171. II. 108. III. 120. — *Gloyne* l. c. p. 39. — *Pätel* Cat. p. 121. — *Cyclostoma obscurum Gray, Grayanum Pfr., concentricum* et *serriferum C. B. Adams.* — *Choanopoma Grayanum Pfr.* olim. — Jamaica.

§. 3.

6. A. irrorata Gloyne. †

„A. testa anguste sed profunde umbilicata, ovato-pyramidata truncata, eleganter decussata, pallide rufobrunnea, zona lata infrasuturali et fasciis duabus angustioribus (una in medio anfractuum, altera paulo super suturam) albis, zona suturali maculis magnis, subquadratis, rufis subregulariter conspersa, fasciis anguste punctis, rufis quadratis, aequidistantibus pulcherrime ornatis. Anfr. superstites 4, convexi, superne indistincte angulati et super angulum planati; anfr. ultimus antice breviter solutus; sutura indistincte crenulata; apertura subcircularis, fere perpendicularis, intus flava; peristoma flavum, integrum, incrassatum, non duplicatum, superne leviter emarginatum. — Operculum typicum. — Alt. 12, diam. 7 mill. Apert. incluso peristomate $4^1/_2$ mill. longa, $4^1/_2$ lata.“ (G.)

Adamsiella irrorata Gloyne in Journ. Conch. XXIII. 1875. p. 124.

Habitat Brownstown, pagi Sanctae Annae, Jamaica.

Obs. „Differt ab *A. variabili* anfractu ultimo breviter soluto, peristomate non duplicato, fasciis et punctis regularibus. Species ita dicta, quia punctis et maculis irrorata. — Specimen unicum observatum non truncatum, anfractibus 7 praeditum, apice papillari, albido.“

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7. moribunda (Cyclostoma) C. B. Adams. I. 173. II. 108. III. 120. — Jamaica.
8. intermedia (Cyclostoma) C. B. Adams. I. 173. II. 108. III. 120. — Jamaica.
9. monstrosa (Cyclostoma) C. B. Adams. (Coll. 6.) I. 173. II. 108. III. 120. — Jamaica.
10. Pearmanaeana Chitty. (Coll. 7.) II. 108. III. 120. — *Cyclostoma Pearmanaeanum Chitty, longicolle Pfr.* — Jamaica.

§. 4.

11. xanthostoma (Cyclostoma) Sow. (Coll. 8.) I. 174. II. 109. III. 120. — *Pätel* Cat. p. 121. — *Cyclostoma tenuistriatum C. B. Adams.* — *Choanopoma xanthostoma Gray.* — Jamaica.
12. pinguis (Cyclostoma) Pfr. I. 175. II. 109. III. 120. — *Pätel* Cat. p. 121. — Habitat?
13. ignilabris (Cyclostoma) C. B. Adams. (Coll. 9.) I. 175. II. 109. III. 120. — *Gloyne* in Journ. Conch. XX. p. 39. — *Pätel* Cat. p. 121. — Jamaica.
14. chlorostoma (Cyclostoma) Sow. (Coll. 10.) I. 176. II. 109. III. 120. — *Cyclostoma sericeum Fér.* — *Choanopoma chlorostoma Gray.* — Demerara.
15. Osberti Tristram. † III. 120. — Guatemala.
16. cinnamomea (Cyclostoma) Pfr. (Coll. 11.) II. 109. III. 120. — Habitat?
17. chordata (Cyclostoma) Pfr. (Coll. 12.) III. 120. — *Pätel* Cat. p. 121. — Cuba.

Subfam. VI. Cyclostomea.

Pfr. Mon. Pneum. II. p. 109; III. p. 121.

XL. Lithidion Gray.

Pfr. Mon. Pneum. I. p. 176; II. p. 109; III. p. 121. — *Pätel* Catal. 1873. p. 17. 122.

Species:

1. sulcatum (Cyclostoma) Gray. I. 176. II. 110. III. 121. — *Cyclostoma lithidion Sow.* — *Cyclostomus sulcatus Ad.* — Yemen Arabiae.
2. desciscens (Cyclostoma) Pfr. I. 177. II. 110. III. 121. — *Pätel* Cat. p. 122. — *Cyclostomus desciscens Ad.* — Socotora.
3. Souleyetianum (Cyclostoma) Petit. (Coll. 1.) I. 177. II. 110. III. 121. — *Cyclostoma paradoxum Pfr.* — *Cyclostomus Souleyetianus Ad.* — Abd-el-Goury prope Socotoram.
4. depressum (Cyclostoma) Sow. I. 178. II. 110. III. 121. — *Cyclostomus depressus Ad.* — Habitat?
5. niveum (Cyclostoma) Petit. (Coll. 2.) I. 178. II. 110. III. 121. — *Cyclostomus niveus Ad.* — Madagascar.

XLI. Otopoma Gray.

Pfr. Mon. Pneum. I. p. 179; II. p. 110; III. p. 121. — *Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. 1864. p. 464. — *Pätel* Catal. 1873. p. 17. 122.

Genus a Cyclostomo vix characteribus sufficientibus separandum.

Conspectus specierum.

A. Umbilico prorsus clauso	§. 1.	Nr.	1— 2.
B. Umbilico magis minusve aperto.			
1. Peristomatis margine dextro expanso	§. 2.	—	3— 7.
2. Margine dextro recto	§. 3.	—	8—17.
3. — — flexuoso . . .	§. 4.	—	18—19.

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§. 1.

1. clausum (Cyclostoma) Sow. I. 179. II. 110. III. 122. — *Pätel* Cat. p. 122. — *Cyclostomus clausus Ad.* — Yemen Arabiae.

2. O. Hinduorum W. Blanford. †

„Testa imperforata, clausa, umbilicata, globoso-turbinata, solidula, nitida, striata, juxta suturam et circa umbilicum laevis, extus versus peripheriam liris spiralibus subconfertis nonnunquam obsoletis circumdata, carnea, vel albido-carnea; apice plerumque nigro; spira conoideo-convexa; sutura impressa. Anfr. $4^1/_2$ convexi, ultimus teres, antice descendens, varicem imperfectum interdum pone aperturam gerens. Apertura fere verticalis, rotunda; peristoma obtusum, marginibus disjunctis, externo antice arcuato, basali expansiusculo, columellari sublate expanso, umbilicum omnino callo complente. — Operc. testaceum, intus membranaceum, paucispirale, margine interno anfractuum elevato, nucleo excentrico. — Diam. maj. 12, min. 11, axis 9, apert. diam. 6 mill.“ (B.)

Otopoma Hinduorum W. Blanf. in Ann. and Mag. n. h. 3d. ser. XIII. p. 464.
— — *Pfr.* Mon. Pneum. Suppl. II. p. 122.
— — *Hanl. & Theob.* Conch. Ind. t. 6. f. 5. 6.
— — *Pätel* Catal. p. 122.

Cyclostoma Hinduorum (Otopoma) *W. Blanf.* in Journ. As. Soc. Beng. XXXIX. 1870. Pt. 2. p. 12. t. 3. f. 6.

Habitat in Kathiawar Indiae (W. Theobald).

§. 2.

3. auriculare Gray. I. 180. II. 110. III. 122. — *Pätel* Cat. p. 122. — *Cyclostoma auriculare Gray, candidum Sow.* — *Cyclostomus auricularis Ad.* — Habitat?
4. albicans (Cyclostoma) Sow. I. 181. II. 110. III. 122. — *Cyclostomus albicans Ad.* — China.
5. naticoides (Cyclostoma) Recluz. (Coll. 1.) I. 181. II. 110. III. 122. — *Pätel* Cat. p. 122. — *Otopoma foliaceum Gray.* — *Cyclostomus naticoides Ad.* — Socotora.
6. Guillaini (Cyclostoma) Petit. I. 182. II. 111. III. 122. — *Cyclostomus Guillaini Ad.* — Mogadoxa orae Africanae.
7. unifasciatum (Cyclostoma) Sow. I. 183. II. 111. III. 122. — *Cyclostomus unifasciatus Ad.* — Madagascar.

§. 3.

8. Philippianum (Cyclostoma) Pfr. (Coll. 2.) I. 183. II. 111. III. 122. — *Pätel* Cat. p. 122: Sechell. — *Cyclostoma ligatum Sow.* — *Cyclostomus Philippianus Ad.* — Habitat?
9. ? Coquandianum (Cyclostoma) Petit. † II. 111. III. 122. — *Pätel* Cat. p. 122. — Madagascar?
10. clathratulum (Cyclostoma) Recluz. (Coll. 3.) I. 184. II. 111. III. 122. — *Pätel* Cat. p. 122. — *Cyclostomus clathratulus Ad.* — Yemen, Socotora.
11. ? vitellinum (Cyclostoma) Pfr. I. 184. II. 111. III. 122. — *Cyclostomus vitellinus Ad.* — Madagascar.
12. ? obtusum Pfr. (Coll. 4.) III. 123. — Zanzibar.
13. Listeri Gray. (Coll. 5.) I. 185. II. 112. III. 123. — *Pätel* Cat. p. 122. — *Cyclostoma Listeri Gray, Morelet* Sér. conch. II. 1860. p. 99. (Excludantur synonyma Quoyi et Grateloupi.) — *Cyclostomus Listeri Ad.* — Ins. Mauritius.
14. haemastomum (Cyclostoma) Anton. (Coll. 6.) I. 186. II. 112. III. 123. — *Pätel* Cat. p. 122. — *Cyclostoma fimbriata Quoy & Gaim., Deless.* Conf. *Morelet* Sér. conch. II. 1860. p. 101. — *Cyclostomus haemastoma Ad.* — Var.: *Cyclostoma haemastomum var. β Rodriguezensis Crosse* in Journ. Conch. XXI. 1873. p. 141 *); XXII. 1874. p. 234. — *Morelet* ibid. XXIII. 1875. p. 29. — Isle de France, var. ins. Rodriguez.
15. ? politum (Cyclostoma) Sow. I. 186. II. 112. III. 123. — *Cyclostomus politus Ad.* — Habitat?

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*) „Minor, numero anfractuum $4^1/_2$ (nec 5 ut forma typica) munita, sulcis spiralibus paulo minus numerosis (in anfractu penultimo 12 : 14). — Diam. maj. $8^1/_2$, min. 7, alt. $8^1/_2$ mill. Apert. vix 4 mill. longa, $3^1/_2$ lata. — Frequentissima in insula Rodriguez (Desmazures).“

16. pygmaeum (Cyclostoma) Sow. I. 187. II. 112. III. 123. — *Cyclostomus pygmaeus Ad.* — *Cyclotus? pygmaeus Martens* Ostas. Zool. II. p. 128. — Nova Hibernia.

* * *

17. ? gratum (Cyclostoma) Petit. (Coll. 7.) I. 231. II. 124 (Cyclostomus?) III. 123. — *Cyclostoma tricolor Pfr.* — *Cyclostomus gratus Pätel* Cat. p. 122. — Socotora.

§. 4.

18. multilineatum Jay. (Coll. 8.) I. 187. II. 112. III. 123. — *Pätel* Cat. p. 122. — *Cyclostoma multilineata Jay, flexilabrum Sow., flavilabre Petit.* — *Tropidophora flexilabrum Gray.* — *Cyclostomus multilineatus Ad.* — Madagascar.
19. Comorense (Cyclostoma) Pfr. II. 112. III. 123. — Ins. Comorens.

Species fossilis:

20. **? O. Grandidieri (Cyclostoma) Crosse & Fischer.** †

„T. umbilicata, globoso-turbinata, sat tenuis, longitudinaliter striatula, lineis spiralibus, confertis subtiliter decussatula; spira turbinata; sutura impressa; anfr. $5^1/_3$ convexi, embryonales primi $1^1/_2$ laeves, ultimus rotundatus, lineis spiralibus supra medium subtilibus, confertis, infra medium subdistantibus, obsoletissimis decussatus; apertura parum obliqua, subangulato-rotundata; perist. subinterruptum, marginibus callo crassiusculo junctis, columellari dilatato, libere reflexo, imprimis versus medium expanso, umbilicum angustum semioccultante, basali et dextro rectis, vix subincrassatis, attenuatis. — Diam. maj. 18, min. 14, alt. 16 mill.“ (Cr.)

Cyclostoma (Otopoma?) Grandidieri Crosse & Fisch. in Journ. Conch. XVI. 1868. p. 185. t. 7. f. 3.

In parte meridionali insulae Madagascar legit A. Grandidier.

Obs. „Affinis *Otopomati Philippiano* et *vitellino Pfr.*“

XLII. Cyclostomus Montfort.

Pfr. Mon. Pneum. I. p. 188; II. p. 112; III. p. 123. — *Pätel* Catal. 1873. p. 17. 122.

Conspectus specierum.

A. Carinatae (*Tropidophora Trosch.*),				
1. depressae	§.	1.	Nr.	1— 12.
2. turbinato-conicae,				
a. bi- vel multicarinatae .	§.	2.	—	13— 32.
b. unicarinatae	§.	3.	—	33— 36.
B. Ecarinatae,				
1. depressae	§.	4.	—	37— 40.
2. globoso-turbinatae.				
a. Peristomate reflexo,				
α. lato	§.	5.	—	41— 55.
β. angusto	§.	6.	—	56— 83.
b. Peristomate recto . . .	§.	7.	—	84— 94.
3. ovato-turritae.				
a. Peristomate recto . . .	§.	8.	—	95—106.
b. — expanso.				
α. Laevigatae	§.	9.	—	107—110.
β. Longitudinaliter plicatae	§.	10.	—	111—122.
γ. Decussatae	§.	11.	—	123—127.

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§. 1.

1. Cuvierianus (Cyclostoma) Petit. (Coll. 1.) I. 189. II. 113. III. 124. — *Pätel* Cat. p. 122. — *Tropidophora Cuvieriana Trosch.* — Madagascar.
2. occlusus (Cyclostoma) Mörch. (Coll. 2.) II. 113. III. 124. — *Pätel* Cat. p. 122. — Madagascar.
3. formosus (Cyclostoma) Sow. I. 190. II. 113. III. 124. — Madagascar.
4. De-Burghiae (Cyclostoma) Reeve. † III. 124. — Madagascar.
5. cariniferus (Cyclostoma) Sow. I. 191. II. 144. III. 125. — *Morelet* Sér. conch. II. 1860. p. 105 *). — *Pätel* Cat. p. 122. — Var.: *Cyclostoma spectabile Petit.* — Madagascar.
6. articulatus (Cyclostoma) Gray. (Coll. 3.) I. 191. II. 114. III. 125. — *Morelet* Sér. conch. II. 1860. p. 99: Madagascar. — *Pätel* Cat. p. 122. — *Crosse* in Journ. Conch. XXII. 1874. p. 233. — *Cyclostoma filosum Sow., Terveriana Grat.* — Ins. Rodriguez prope Mauritius.
7. Deshayesianus (Cyclostoma) Petit. I. 192. II. 114. III. 125. — Madagascar.
8. Abeillei (Cyclostoma) Grat. † I. 193. II. 114. III. 125. — Madagascar.
9. modestus (Cyclostoma) Petit. I. 193. II. 114. III. 125. — *Pätel* Cat. p. 122. — Ins. Abd-el-Goury.

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*) „Operculum duplicatum, pagina externa testacea, concaviuscula, multispira, albicans, nucleo subcentrali, translucido; interna tenuis, planulata, cornea, pellucida, rufescens.“ (Mor.)

10. Kieneri (Cyclostoma) Pfr. II. 114. III. 125. — Madagascar.
11. liratus (Cyclostoma) Pfr. I. 194. II. 114. III. 125. — Madagascar.

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12. C. perspectivus Sowerby. †

„Testa depresso-turbinata, patentissime umbilicata, pallide rufo-fusca; spira depressiuscula; anfractibus anguste rotundatis, superne spiraliter obtuse liratis, concentrice decussate striatis, medio obsolete striatis, latissime unicarinatis, ultimo circa umbilicum valide lirato; apice plumbeo; apertura subcircularis; labro rufo-brunneo, late expanso reflexo, superne producto; operculo calcareo, plano.“ (S.) — Dimensiones desiderantur.

Cyclostoma perspectivum (Tropidophora) *Sow.* in Proc. Zool. Soc. 1873. p. 452.

Habitat Madagascar.

Obs. Species affinis *C. unicarinato Lam.*, sed magis depressa, multo amplius umbilicata et carina magis expansa praedita.

§. 2.

13. campanulatus (Cyclostoma) Pfr. (Coll. 4.) I. 194. II. 114. III. 125. — *Pätel* Cat. p. 122. — *Cyclostoma unicarinatum Sow.* ex parte, *tricarinatum Pot. & Mich.?* — *Tropidophora campanulata Pfr.* — Madagascar.
14. bicarinatus (Cyclostoma) Sow. (Coll. 5.) I. 195. II. 114. III. 125. — *Pätel* Cat. p. 122. — Madagascar.
15. pulchellus (Cyclostoma) Sow. (Coll. 6.) I. 195. II. 114. III. 125. — *Pätel* Cat. p. 122. — *Cyclostoma Hanleyi Pfr.* — Madagascar.
16. zonulatus (Cyclostoma) Fér. I. 196. II. 114. III. 125. — Madagascar.
17. principalis (Cyclostoma) Pfr. III. 125. — Madagascar.
18. tricarinatus (Helix) Müll. I. 197. II. 115. III. 125. — *Cyclostoma tricarinata Lam.* — *Turbo carinatus Wood.* — Madagascar.
19. carinatus (Turbo) Born. (Coll. 7.) I. 198. II. 115. III. 125. — *Cyclostoma carinata Lam.*, *tricarinatum Sow.* — Habitat?
20. unicolor (Cyclostoma) Pfr. I. 199. II. 115. III. 125. — Habitat?
21. deliciosus (Cyclostoma) Fér. I. 199. II. 115. III. 126. — Madagascar.
22. Michaudi (Cyclostoma) Grat. I. 200. II. 115. III. 126. — *Pätel* Cat. p. 122. — *Cyclostoma carinatum Sow.* ex parte. — Madagascar.
23. Barclayanus (Cyclostoma) Pfr. (Coll. 8.) I. 200. II. 115. III. 126. — *Pätel* Cat. p. 122. — Isle de France.

24. C. mauritianus H. Adams. †

„C. testa anguste umbilicata, ovato-conica, tenuiuscula, pallide fulva, strigis fulvis ornata; spira conica, apice acutius-

cula; anfr. 5, convexis, bicarinatis, inter carinas undique costis irregularibus, subdistantibus munitis; apertura vix obliqua, subcirculari; perist. simplici, marginibus approximatis, callo tenui junctis, margine dextro recto, columellari mediocriter expanso. — Diam. maj. 14, min. 12, alt. 17 mill." (A.)

Cyclostomus mauritianus (Tropidophora) *H. Adams* in Proc. Zool. Soc. 1867. p. 305. t. 19. f. 10.

Habitat „Pouce Mountain" insulae Mauritii (G. Nevill).

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25. sulcatus Lam. I. 201 (*calcareus*). II. 115. III. 126. — *Pätel* Cat. p. 122. — *Cyclostoma sulcata Lam.*, *calcareum Sow.* — *Cyclostomus calcareus Dohrn* in Proc. Zool. Soc. 1865. p. 233. — Tete Mozambique et ad lacum Nyassa.

26. rugosus (Cyclostoma) Lam. I. 202. II. 115. III. 126. — *Cyclostoma cinctum Sow.* — India.

27. Creplini (Cyclostoma) Dunk. (Coll. 9.) I. 202. II. 115. III. 126. — *Pätel* Cat. p. 122. — Zanzibar.

28. pulcher (Cyclostoma) Gray. (Coll. 10.) I. 203. II. 115. III. 126. — *Pätel* Cat. p. 122. — *Cyclostoma ortix Val.*, *ortyx Sow.*, *multicarinata Jay*, *Arthurii Grat.* — Ins. Sechell.

29. C. Desmazuresi Crosse. †

„T. umbilicata, turbinata, tenuiuscula vel solidula, costulis transversis, inaequalibus impressa, aliis (3—4) majoribus, distantibus, albo et fusco plus minusve articulatis, quasi carinulas formantibus, caeteris numerosis, parvulis, striis longitudinalibus decussata, pallide fulvida, fusco maculata; spira breviter conica, apice obtusulo, rotundato; sutura irregulariter linearis, vix undulato-plicata; anfr. $4^1/_2$ convexiusculi, embryonales primi $1^1/_2$ laevigati, fusco-cornei, ultimus vix descendens, spiram superans ($5:3^1/_2$), ad peripheriam subcarinatus, paulo infra fusco cingulatus, basi et circa umbilicum profundum, infundibuliformem, pervium pallide castaneus, costulis umbilici majoribus et magis distantibus; apertura subverticalis, ovato-circularis, ad suturam subangulata, intus pallide fulvida, fusco lineata; perist. simplex, marginibus convergentibus, callo tenui junctis, columellari reflexiusculo, aurantio-fusco, externo vix expansiusculo, subacuto. — Operc. testaceum, albidum, medio concaviusculum. — Diam. maj. $10^1/_4$, min. $8^1/_2$, alt. $8^1/_2$ mill. Apert. 5 mill. longa, 4 lata." (Cr.)

Cyclostoma Desmazuresi Crosse in Journ. Conch. XXI. 1873. p. 141; XXII. 1874. p. 235. t. 8. f. 9.

Habitat in insula Rodriguez (Desmazures).

Obs. „Species *Cyclostomati pulchro Grayi* forma et colore vicina, sed minor, numero anfractuum ($4^1/_2$ nec 5) et costulis transversis, numerosis, parvulis (3—4 majoribus alternantibus) facile distinguenda. Variat colore, tum pallide fulvido, fusco plus minusve maculato, tum violaceo-fusco, pallide fulvido longitudinaliter strigato, et margine columellari tum aurantio-fusco, tum pallidiore."

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30. Kraussianus (Cyclostoma) Pfr. I. 204. II. 115. III. 126. — *Pätel* Cat. p. 122. — Natal.
31. castaneus (Cyclostoma) Pfr. I. 204. II. 115. III. 126. — Madagascar.
32. fusculus (Cyclostoma) Pfr. I. 205. II. 115. III. 126. — Yemen Arabiae.

(Obs. *Cyclostomus? gradatus Pfr.* II. 115 (Bengalia) teste *Benson* ad Bithiniam referendus est: *Bithinia marginata* = *Valvata sulcata Soul.*)

§. 3.

33. Madagascariensis (Cyclostoma) Gray. I. 205. II. 116. III. 126. — *Pätel* Cat. p. 122. — *Cyclostoma Duisabonis Grat., obsoletum var. Sow.* — Madagascar.
34. Boivini (Cyclostoma) Pfr. II. 116. III. 126. — *Pätel* Cat. p. 122. — Madagascar.
35. unicarinatus (Cyclostoma) Lam. (Coll. 12.) I. 206. II. 117. III. 126. — *Cyclostoma fulvifrons Sow.* — Madagascar.

36. ? C. bipartitus Morelet. †

„T. perspective umbilicata, depresse turbinata, basi convexa, tenuis, acute filo-carinata, lineis spiralibus eminentibus et strigis transversis tenuioribus decussatula, superne omnino alba, absque nitore; facies inferna isabellina, interruptim et concentrice castaneo fasciata, fascia altera latiore carinam concomitante; spira parum exserta, variabilis; anfr. $4^1/_2$ convexi, ad suturas passim plicati; umbilicus ad apicem usque spiraliter liratus; apertura obliqua, sursum angulata, fere circularis; perist. simplex, marginibus callo junctis, dextro acuto, recto, ad carinam leviter angulato, columellari vix reflexiusculo. — Diam. maj. 21—22, min. 16—18, alt. 13—14 mill." (M.)

Cyclostoma bipartitum Morelet in Journ. Conch. XXIII. 1875. p. 26. t. 1. f. 3.

Testae subfossiles lectae in insula Rodriguez (Bewsher).

§. 4.

37. vittatus (Cyclostoma) Sow. (Coll. 13.) I. 207. II. 117. III. 126. — *Morelet* Sér. conch. II. p. 106: operculum *C. carinifero* simile. — *Pätel* Cat. p. 122. — Madagascar.

38. ? chloroticus (Cyclostoma) Pfr. II. 117. III. 126. — Madagascar.
39. Moulinsii (Cyclostoma) Grat. (Coll. 14.) I. 208. II. 117. III. 126. — *Cyclostoma Desmoulinsii Sow.* — *Cyclophorus Moulinsii Pfr.* olim. — Madagascar.
40. Macareae (Cyclostoma) Petit. (Coll. 15.) III. 126. — *Pätel* Cat. p. 122. — Madagascar.

§. 5.

41. euchilus (Cyclostoma) Pfr. (Coll. 16.) I. 208. II. 118. III. 127. — *Pätel* Cat. p. 122. — Madagascar.
42. multifasciatus (Cyclostoma) Grat. I. 209. II. 118. III. 127. — Madagascar.
43. tubulum (Cyclostoma) Reeve. † III. 127. — Habitat?
44. zonatus (Cyclostoma) Petit. I. 209. II. 118. III. 127. — Madagascar.
45. obsoletus (Cyclostoma) Lam. (Coll. 17.) I. 210. II. 118. III. 127. — *Pätel* Cat. p. 122. — Madagascar.
46. Belairi (Cyclostoma) Petit. (Coll. 18.) II. 118. III. 127. — Madagascar.

47. C. balteatus Sowerby. †

„C. testa globoso-conica, modice umbilicata, griseo-alba, ferrugineo tincta, purpureo-fusco spiraliter lineata et infra peripheriam unizonata; anfractibus subrotundatis, undique decussatim striatis, spiraliter superne et inferne liratis; apertura circulari, intus fusco fasciata; labro albicante, latere externo vix expanso, latere ventrali tenuiter expanso; operculo calcareo spirali, planulato, anfractibus tribus." (S.) — Diam. max. 27, alt. 22 mill. (ex icone.)

Cyclostoma balteatum Sow. in Proc. Zool. Soc. 1873. p. 718. t. 59. f. 1.

Habitat Madagascar.

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48. Isabella Pfr. III. 127. — *Cyclostoma Isabella Reeve.* — Madagascar.
49. citrinus (Cyclostoma) Sow. (Coll. 19.) I. 211. II. 118. III. 128. — *Var.: Cyclostoma rugosum Sow., semidecussatum Pfr.* — Habitat?
50. xanthochilus Sow. (Coll. 20.) I. 211. II. 118. III. 128. — *Pätel* Cat. p. 122. — *Cyclostoma xanthocheilus Sow.* — *Morelet* Sér. conch. II. 1860. p. 103: etiam in ins. Comorens. — Madagascar.
51. ? castus (Cyclostoma) Pfr. II. 118. III. 128. — Madagascar.
52. virgo (Cyclostoma) Pfr. II. 119. III. 128. — Madagascar.
53. ? encausticus (Cyclostoma) Reeve. † III. 128. — Habitat?

54. C. consanguineus Sowerby. †

„C. testa depresse turbinata, ample umbilicata, griseo-albida, purpureo-griseo spiraliter fasciata et infra peripheriam purpureo-fusco unizonata, transverse luteo flammea; spira sub-

acuta; anfractibus rotundatis, concentrice subtiliter striatis, spiraliter supra peripheriam lirato-striatis; umbilico valide lirato; apertura oblique circulari, intus atro-fusca, labro reflexo." (S.) — Operculum normale. — Diam. max. 28, alt. 19 mill. (ex icone.)

Cyclostoma consanguineum Sow. in Proc. Zool. Soc. 1873. p. 718. t. 59. f. 3.

Habitat Madagascar.

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55. Sowerbyi (Cyclostoma) Pfr. (Coll. 21.) I. 212. II. 119. III. 128. — *Morelet* Sér. conch. II. 1860. p. 103. — *Pätel* Cat. p. 122. — *Cyclostoma megacheilus Sow.* — Ins. Comorens.

§. 6.

56. aplustre (Cyclostoma) Sow. I. 212. II. 119. III. 128. — *Morelet* Sér. conch. II. 1860. p. 103 *). — *Tropidophora aplustris Gray.* — *Cyclostomus aplustris Ad.* — Madagascar, Nossi-Bé.

57. C. filostriatus Sowerby. †

„C. testa globoso-conica, solidiuscula, modice umbilicata, albida, ferrugineo tincta, castaneo spiraliter zonata; anfractibus rotundatis, malleatis, spiraliter obsolete liratis, concentrice conspicue filo-striatis, striis ad suturas subplicatis; apertura oblique circulari, intus castaneo-fusca; labro albo rotunde reflexo." (S.) — Diam. max. 25, alt. 22 mill. (ex icone.)

Cyclostoma filo-striatum Sow. in Proc. Zool. Soc. 1873. p. 718. t. 59. f. 2.

Habitat Madagascar.

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58. asper (Cyclostoma) Pot. & Mich. I. 213. II. 119. III. 128. — *Pätel* Cat. p. 122. — Var.: *Cyclostoma Harveyanum Sow.* — *Cyclostomus Harweyanus Pätel* Cat. p. 122. — Madagascar.
59. pyrostomus (Cyclostoma) Sow. I. 214. II. 119. III. 128. — *Cyclostoma haemastoma Grat.* — Madagascar, Mayotte.
60. ? sinuatus (Cyclostoma) Pfr. II. 120. III. 128. — Madagascar?
61. ? striatulus (Cyclostoma) Pfr. I. 214. II. 120. III. 128. — Habitat?
62. fulvescens (Cyclostoma) Sow. (Coll. 22.) I. 215. II. 120. III. 128. — *Morelet* Sér. conch. II. 1860. p. 104 var. β, pallidior, fulvo-zonata: Port-Leven. — Madagascar.
63. ? ictericus (Cyclostoma) Sow. I. 81 (Cyclophorus?). II. 120. III. 128. — Habitat?

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*) „Operculum duplicatum, 6-spirale, anfractu ultimo rapide crescente; superne testaceum, sordide albidum, eximie flexuoso-striatum; spira depressa, concaviuscula, nucleo subcentrali corneo; subtus corneum, planum, nitidule fuscidulum." (Mor.)

64. ? tubularis (Cyclostoma) Morelet. † III. 129. — Madagascar.
65. microchasma (Cyclostoma) Pfr. II. 120. III. 129. — Madagascar.
66. insularis (Cyclostoma) Pfr. (Coll. 23.) I. 215. II. 120. III. 129. — *Pätel* Cat. p. 122. — Port. Natal.
67. sarcodes (Cyclostoma) Pfr. II. 120. III. 129. — Madagascar.
68. caffer (Cyclostoma) Beck. † III. 129. — Habitat?
69. reticulatus (Cyclostoma) Adams & Reeve. I. 216. II. 121. III. 129. — Madagascar.
70. Goudotianus (Cyclostoma) Sow. (Coll. 24.) I. 216. II. 121. III. 129. — *Pätel* Cat. p. 122. — Natal.
71. virgatus (Cyclostoma) Sow. (Coll. 25.) I. 217. II. 121. III. 129. — *Cyclostoma consocium Fér.* — *Cyclostomus consocius Gray.* — Madagascar.
72. Carolinensis (Cyclostoma) Pfr. I. 217. II. 121. III. 129. — Ins. Carolin.
73. Römeri Pfr. (Coll. 26.) III. 129. — *Pfr.* Novit. conch. III. fasc. XXIII. p. 277. Nr. 390. t. 68. f. 10. 11. Conf. Malak. Bl. XIII. 1866. p. 63. — Cuba.
74. Heynemanni Pfr. (Coll. 27.) III. 130. — *Pfr.* Novit. conch. III. fasc. XXIII. p. 278. Nr. 391. t. 68. f. 12. 13. — *Cyclostomus Heinemanni Pätel* Cat. p. 122. — Cuba.
75. ? griseus (Cyclostoma) Pfr. II. 121. III. 130. — Madagascar.

76. C. Vesconis Morelet.

„T. anguste umbilicata, turrito-conica, striatula, confertim spiraliter sulcata (anfr. 2 prioribus laevigatis), parum nitida, pallide cinerea, obscure vittata et zona nigricante infra medium cingulata; spira integra, turrita, acutiuscula, pallide aurantiaca; anfr. $4^1/_2$ convexi; apertura subverticalis, ovalirotundata, intus castanea, zona peripheriali pellucente; peristoma albidum, breviter expansum, marginibus disjunctis, columellari umbilicum semioccultante. — Operc. testaceum, planulatum, albidum, 4-spirale, nucleo subcentrali. — Longit. $15^1/_2$, diam. 11 mill.“ (M. — Coll. Nr. 28.)

Cyclostoma Vesconis Morelet Séries conch. II. 1860. p. 104. t. 6. f. 1.
Cyclostomus Vescoi Pätel Catal. p. 122.

Habitat Port Leven insulae Madagascar.

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77. tenuis (Cyclostoma) Sow. I. 218. II. 121. III. 130. — Africa.
78. cincinnus (Cyclostoma) Sow. I. 218. II. 121. III. 130. — *Cyclostoma modestum Fér.* — *Cyclostomus concinnus Ad.* — Yemen Arabiae.
79. ligatulus (Cyclostoma) Grat. † I. 219. II. 121. III. 130. — Madagascar.

80. Zanguebaricus (Cyclostoma) Petit. I. 219. II. 121. III. 130. — *Morelet* Sér. conch. II. 1860. p. 104 *). — *Pätel* Cat. p. 122. — *Cyclostoma zanzibaricum Reeve*, *Martens* in Nachrichtsbl. malak. Ges. 1869. Nr. 10. p. 154. — Zanzibar.

81. subliratus (Cyclostoma) Pfr. I. 220. II. 122. III. 130. — Habitat?

82. Novae Hiberniae (Cyclostoma) Quoy & Gaim. I. 220. II. 122. III. 130. — *Leptopoma Novae Hiberniae M. E. Gray.* — Var.: *Cyclostoma vitreum Sow.* — Nova Hibernia.

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83. C. suffusus Sowerby. †

„Testa globoso-turbinata, obtecte umbilicata, rufo caerulescente suffusa, versus apicem aurantiaca, plus minusve obscure purpureo fasciata; anfractibus undique spiraliter liratis, ultimo circa umbilicum lirato; apertura oblique circulari; fauce rufopruinosa; labro expanso, sanguineo; operculo plano, calcareo.“ (S.) — Dimensiones desiderantur.

Cyclostoma suffusum (Tropidophora) *Sow.* in Proc. Zool. Soc. 1873. p. 452.

Habitat Madagascar.

§. 7.

84. ligatus (Nerita) Müll. (Coll. 29.) I. 221. II. 122. III. 131. — *Pätel* Cat. p. 122. — *Turbo ligatus Chemn.* — *Cyclostoma ligata Lam.* — *Cyclophora ligata Swains.?* — Var.: *Cyclostoma affine Sow.* — Promont. Bonae Spei, Natal.

85. lineatus (Cyclostoma) Pfr. I. 222. II. 122. III. 131. — Habitat?

86. Hartvigianus Pfr. (Coll. 30.) III. 131. — *Cyclostomus Hartwigianus Pätel* Cat. p. 122. — Africa meridionalis.

87. C. scaber H. Adams. †

„C. testa profunde umbilicata, globoso-turbinata, tenuiuscula, spiraliter costulis subdistantibus et longitudinaliter striis elevatis decussata, basi costulis spiralibus propioribus, in umbilico remotioribus, pallide carnea, fascia angusta rufa infra peripheriam ornata; spira turbinata, apice obtusiuscula; anfr. 5, convexis, ultimo rotundato; apertura verticali, circulari; perist. simplici, recto, continuo, superne subangulato, breviter adnato. — Diam. maj. 12, min. 10, alt. 11 mill.“ (A.)

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*) „Operculum duplicatum, 5-spirale, biconcavum, anfractu ultimo rapide crescente; superne testaceum, sordide albidum, flexuoso-striatum, nucleo excentrico, corneo; subtus corneum, nitide fulvum.“ (Mor.)

Cyclostomus scaber H. Adams in Proc. Zool. Soc. 1867. p. 306. t. 19. f. 11.

Habitat „Pouce Mountain“ insulae Mauritii (G. Nevill).

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88. undulatus (Cyclostoma) Sow. (Coll. 31.) I. 223. II. 122. III. 131. — *Morelet* Sér. conch. II. 1860. p. 100. („Synon. *Cyclostoma fimbriata Lam.*, nec *Quoy*, nec *Deless.*, nec *Chenu.* — β. Minor, plicis longitudinalibus conspicuis: *Cyclostoma Philippi Grat.*“) — *Pätel* Cat. p. 122. — Ins. Mauritius.
89. glaucus Sow. I. 223. II. 122. III. 131. — *Pätel* Cat. p. 122. — *Cyclostoma glaucum Sow.*, *Issel* Moll. miss. Pers. 1865. p. 43: Ghilan. — *Kob.* Cat. p. 59. — *Cyclostoma striatum Menke*, *breviale Gray.* — Alexandrette Syriae.
90. Olivieri Sow. (Coll. 32.) II. 122. III. 131. — *Pätel* Cat. p. 122. — *Cyclostoma Olivieri Sow.*, *Kob.* Cat. p. 59. — *Martens* Vord. As. p. 29. t. 5. f. 35. — *Cyclostoma syriacum Ziegl.*, *orientale Rossm.* — Syria.
91. costulatus Ziegl. (Coll. 33.) I. 224. II. 123. III. 131. — *Pätel* Cat. p. 122. — *Mouss.* in Journ. Conch. XXI. 1873. p. 218. — *Cyclostoma costulatum Ziegl.*, *Issel* Moll. miss. Pers. p. 43: Trebisonda, Erivan. — *Kob.* Cat. p. 59. — *Martens* Vord. As. p. 30 var. *Hyrcanum* *). — *Cyclostoma sulcatum Sow.* — Hungaria, Transylvania, Turcia, Caucasus.
92. parvispirus (Cyclostoma) Pfr. (Coll. 34.) II. 123. III. 131. — Habitat?
93. levis (Cyclostoma) Pfr. (Coll. 35.) II. 123. III. 131. — *Pätel* Cat. p. 122. — Ins. Salomonis.

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94. ? C. Bewsheri Morelet. †

„Testa late umbilicata, depresse turbinata, tenuis, pallide fulva, oblique striolata et costulis spiralibus (5—6 majoribus), rubigineis interruptim cingulata; spira depressa, apice plus minusve prominula; anfr. $4^1/_2$ convexiusculi, ultimus dilatatus, interdum carinatus, fascia castanea latiore infra peripheriam ornatus; umbilicus perspectivus, usque ad apicem spiraliter sulcatus; apertura obliqua, fere circularis, superne angulata, intus fasciolata; peristoma simplex, marginibus rectis, columellari leviter calloso. — Diam. maj. 18—19, min. 15, altit. 9—10 mill.“ (M.)

Cyclostoma Bewsheri Morelet in Journ. Conch. XXIII. 1875. p. 28. t. 1. f. 4.

Testae subfossiles lectae in insula Rodriguez (Bewsher).

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*) „Major (usque 17 mill. alt.), relative altior, anfractu ultimo inflatiore (apertura 7—$7^1/_2$ mill.), quare umbilico angustiore, rimam tantum formante. — Rescht et Enzeli in littore meridionali maris Caspii.“

§. 8.

95. Hydii (Cyclostoma) Weinland. (Coll. 36.) III. 131. — *Pätel* Cat. p. 122. — *Chondropoma rude Reeve.* — Crooked Island Bahamensium.

96. buccinulum (Helix) Bolten. (Coll. 37.) I. 225 (*sulcatus*). II. 124. III. 132. — *Cyclostoma sulcatum Drap.*, *Kob.* Cat. p. 59. — *Cyclostoma affinis Risso, polysulcatum?* et *multisulcatum Pot. & Mich.*, *aurantium Ant.*, *coloratum*, *phaleratum* et *reticulatum Ziegl.*, *siculum* et *tenellum Sow.*, *buccinulum Mörch.* — *Cyclostomus sulcatus Pätel* Cat. p. 122. — Europa meridionalis, Algeria.

97. ? Melitensis Sow. I. 226 (*sulcatus var.* ε). II. 124. III. 132 (*buccinulum var.*). — *Cyclostoma Melitense Sow.*, *Issel* in Bull. malac. ital. I. 1868. p. 22; Moll. Malt. p. 11. („Ob characteres satis distinctos a *sulcato* separandum.") — Ins. Malta et Gozzo.

98. elegans (Nerita) Müll. (Coll. 38.) I. 227. II. 124. III. 132. — *Kregl.* Syst. Verz. p. 3. — *De Betta* Moll. Veron. p. 104. — *Mouss.* Canar. p. 142. — *Pätel* Cat. p. 122. — *Turbo elegans Gm.*, *striatus Da Costa*, *reflexus Olivi.* — *Cyclostoma elegans Drap.*, *Kob.* Cat. p. 59. cum var.: *lucidum Shuttl.* — Var.: *Cyclostoma marmorea Brown* Ill. rec. Conch. Gr. Brit. p. 34. t. 18. f. 15 (antea *Turbo marmoreus*), *marmoreum Sow.* — Europa media.

99. fascicularis (Cyclostoma) Pfr. I. 229. II. 124. III. 132. — Habitat?

100. C. laevigatus Webb & Berthelot.

„T. rimato-perforata, late conico-ovata, solidula, aequaliter plane striata, carinis obsoletis nonnullis obtusis notata, nitidiuscula, pallide lutescens vel albescens, griseo zonata vel concolor. Spira late conica, regularis; summo obtusiusculo, corneo; sutura impressa, margine late impresso et concavo, irregulari, raro lacinioso secundata. Anfr. 5, primi rotundati; sequentes convexi, obscure 4—5-carinati vel laevigati; ultimus paulo inflatus, circa perforationem 5—6-sulcatus. Apert. verticalis (5° cum axi), $^5/_9$ altitudinis aequans, angulato-subcircularis. Perist. rectum, obtusulum, intus remote late subincrassatum; marginibus convergentibus; dextro ad insertionem protracto, tum leniter sinuato; basali arcuato, expansiusculo; columellari obtusulo, breviter reflexo; lamina parietali callosa profunda, de insertione dextram retro posita. — Operc. 3-spirale, celeriter accrescens, oblique fortiter striatum; nucleolo excentrico, impressiusculo, violaceo-nigrescente. — Long. 18, diam. 15 mill. — Rat. anfr. 2:1. — Rat. apert. 9:8." (M.)

Cyclostomus laevigatus Webb & Berth., *Pfr.* Mon. Pneum. I. p. 229. n. 63; II. p. 124. n. 89; III. p. 132. n. 89 ex parte.
— — *Mouss.* Rev. faune malac. Canar. p. 143. (emend.)
— — *Pätel* Catal. p. 122.
Cyclostoma Canariense var. Orb. Moll. Canar. p. 76.

Habitat in insula Gomera (Webb et Berth., Fritsch).

101. C. Canariensis Orbigny.

„T. rimato-perforata, ovato-conica, transversim argute striatula, costulis 25—27 elevatis obtusiusculis regulariter decussata, opaca, pallide unicolor, vel cinereo-fusco trifasciata. Spira conica, regularis; summo obtusiusculo, pallide corneo; sutura appressa, concava, oblique arcuato-lacerata. Anfr. $4^1/_2$—5, primi laevigati, rotundati, cornei; sequentes 8—10-costulati, convexi; ultimus subinflatus, ad basin aequaliter costulatus. Apert. subverticalis (vix 10^0 cum axi), angulato-circularis. Perist. rectum, acutulum; marginibus approximatis, lamina tenui, ad dextram recessa, junctis; externo ad insertionem protracto, supra subsinuato; basali et columellari regulariter curvatis, paulo expansis. — Operc. planiusculum, 3-spiratum; volutationibus convexiusculis, oblique striatis; nucleolo minuto, violaceo-fusco, subcentrali. — Long. 15, diam. 12 mill. — Rat. anfr. 7 : 3. — Rat. apert. 11 : 10.“ (M. — Coll. Nr. 39.)

Cyclostoma canariense Orb. Moll. Canar. p. 76. t. 2. f. 5.
Cyclostomus laevigatus Pfr. Mon. Pneum. I. p. 229 ex parte.
— *Canariensis Mouss.* Rev. faune malac. Canar. p. 144.

Habitat Canaria graciosa, Teneriffa, Palma, Lanzarote, Gran Canaria.

102. C. adjunctus Mousson.

„T. rimato-perforata, globuloso-conica, tenuiscula, tenuiter subacute striata, costulis crebris 40—44 reticulatim decussata, opaca, albescens, vel griseo-cornea, vel griseo trifasciata. Spira conica, brevior; summo obtusulo, pallide corneo; sutura breviter appressa, irregulariter crenato-lacerata. Anfr. $4^1/_2$, primi rotundati; sequentes convexi 14—15-costulati; ultimus subinflatus, costulis ad basin fortioribus et validioribus. Apertura subverticalis (10^0 cum axi), angulato-circularis, intus flavescens, fasciis translucentibus. Perist. rectum, acutum, vix subincrassatum; marginibus approximatis; dextro nec magis protracto, nec antice sinuato; basali et columellari bene curvatis; lamina parietali tenui non retracta, sed in insertionem dextram directa. — Operc. planum; nucleolo subcentrali, impresso. — Long. 12, diam. 10 mill. — Rat. anfr. 12 : 7. — Rat. apert. 10 : 9.“ (M.)

Cyclostomus adjunctus Mouss. Rev. faune malac. Canar. p. 145. t. 6. f. 36. 37.
— — *Pfr.* Novit. conch. IV. p. 112. Nr. 815. t. 125. f. 36. 37.

Habitat in insula Teneriffa (Fritsch).

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103. ? saccatus (Cyclostoma) Pfr. (Coll. 40.) I. 230. II. 124. III. 132. — *Pätel* Cat. p. 122: Jamaica. — Habitat?
104. ? dissectus (Cyclostoma) Sow. I. 230. II. 124. III. 132. — Habitat?
105. ? solidus (Cyclostoma) Menke. I. 231. II. 124. III. 132. — *Pätel* Cat. p. 122. — Habitat?
106. rectus (Cyclostoma) Gundl. (Coll. 41.) III. 132. — *Pätel* Cat. p. 122. — Cuba.

§. 9.

107. Humphreyanus (Cyclostoma) Pfr. (Coll. 42.) I. 232. II. 124. III. 133. — *Pätel* Cat. p. 122 (*Humphreysianus*). — *Cistula picta Humphr.* — *Cyclostoma pictum Sow.* — *Choanopoma Humphreyanum Gray.* — *Licina Humphreyana Mörch.* — Jamaica.
108. albus (Cyclostoma) Sow. (Coll. 43.) I. 232. II. 125. III. 133. — *Gloyne* in Journ. Conch. XX. p. 39. — *Pätel* Cat. p. 122. — Jamaica.
109. Chevalieri (Cyclostoma) C. B. Adams. (Coll. 44.) I. 233. II. 125. III. 133. — *Gloyne* l. c. p. 39. — *Pätel* Cat. p. 122. — Jamaica.

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110. C. vexillum Sowerby. †

„Testa ovato-turrita, angustissime umbilicata, tenui, flavescente, atro lineata et unifasciata; anfractibus convexis, laevibus vel concentrice minutissime striatis; apertura circulari, labro tenuiter expanso; operculo calcareo plano.“ (S.) — Dimensiones desiderantur.

Cyclostoma vexillum Sow. in Proc. Zool. Soc. 1873. p. 452.

Habitat Madagascar.

§. 10.

111. thysanorhaphe (Cyclostoma) Sow. (Coll. 45.) I. 233. II. 125. III. 133. — *Pätel* Cat. p. 122. — *Choanopoma thysanorhaphe Gray.* — Jamaica.
112. Redfieldianus (Cyclostoma) C. B. Adams. (Coll. 46.) I. 234. II. 125. III. 133. — *Pätel* Cat. p. 122. — Jamaica.
113. Jayanus (Cyclostoma) C. B. Adams. (Coll. 47.) I. 235. II. 125. III. 133. — *Gloyne* in Journ. Conch. XX. p. 40. — *Pätel* Cat. p. 122. — *Cyclostoma solidum C. B. Adams, histrio Pfr.* — Jamaica.
114. Banksianus (Cyclostoma) Sow. (Coll. 48.) I. 235. II. 125. III. 133. — *Pätel* Cat. p. 122. — *Cyclostoma hyacinthinum C. B. Adams.* — *Choanopoma Banksianum Gray.* — *Adamsiella Banksiana Mörch.* — Jamaica.
115. Yallahensis (Cyclostoma) C. B. Adams. † I. 236. II. 125. III. 133. — Jamaica.
116. tectilabris (Cyclostoma) C. B. Adams. (Coll. 49.) I. 237. II. 125. III. 133. — *Pätel* Cat. p. 122. — Jamaica.

117. Bronni (Cyclostoma) C. B. Adams. (Coll. 50.) I. 237. II. 125. III. 133. — *Pätel* Cat. p. 122. — *Cyclostoma papillare Fér., fuscolineatum C. B. Adams.* — Jamaica.
118. lamellosus (Cyclostoma) C. B. Adams. † I. 238. II. 125. III. 133. — Jamaica.
119. crenulosus (Cyclostoma) C. B. Adams. † I. 255 (Tudora?). II. 125. III. 133. — *Pätel* Cat. p. 122. — *Cistula crenulosa Ad.* — Jamaica.
120. sericinus (Cyclostoma) C. B. Adams. I. 273 (Cistula?). II. 125. III. 133. — Jamaica.
121. saxorum (Cyclostoma) Weinland. (Coll. 51.) III. 133. — *Pätel* Cat. p. 122. — Haiti.
122. Rollei (Cyclostoma) Weinland. (Coll. 52.) III. 133. — *Pätel* Cat. p. 122. — Haiti.

§. 11.

123. Rangelinus (Cyclostoma) Poey. (Coll. 53.) I. 240. II. 126. III. 140. — *Pätel* Cat. p. 122. — Cuba.
124. Habichi (Cyclostoma) Weinland. (Coll. 54.) III. 134. — *Pätel* Cat. p. 122. — *Chondropoma Habichi Reeve.* — Haiti.
125. retrorsus (Cyclostoma) C. B. Adams. (Coll. 55.) I. 240. II. 126. III. 134. — *Pätel* Cat. p. 122. — Jamaica.
126. fallax (Cyclostoma) Pfr. (Coll. 56.) I. 273 (Cistula?). II. 126. III. 134. — St. Croix?
127. Aminensis Pfr. (Coll. 37.) III. 134. — *Pätel* Cat. p. 122. — Haiti.

Species mihi incognita:

Cyclostoma Duponti Robill. Trans. R. Soc. Maur. V. 1871. (*Martens* in Günth. record X. 1873. p. 173.)

XLIII. Tudora Gray.

Pfr. Mon. Pneum. I. p. 243; II. p. 126; III. p. 135. — *Bland* in Amer. journ. conch. II. 1866. p. 60. — *Kobelt* Catal. 1871. p. 159: sectio Cyclostomatis. — *Pätel* Catal. 1873. p. 17. 122: genus Cyclostomeorum.

Conspectus specierum.

A. Peristomate simplice.

a. Testa distincte decussata . . .	§. 1.	Nr.	1— 5.
b. — longitudinaliter sculpta .	§. 2.	—	6—12.
c. — spiraliter sculpta . . .	§. 3.	—	13.
d. sublaevigata	§. 4.	—	14.

B. Peristomate subduplicato.

C. Peristomate duplice.

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§. 1.

1. megachila Potiez & Mich. (Coll. 1.) I. 243. II. 126. III. 135. — *Pätel* Cat. p. 122. — *Cyclostoma megacheilos Pot. & Mich.*, *simile Gray*, *Proteus Beck*, *roridum Parr.*, *cancellatum Menke.* — *Cistula megacheila Ad.* — Ins. Curaçao.
2. costata (Cyclostoma) Menke. I. 244. II. 126. III. 135. — *Cistula? costata Gray.* — Habitat?
3. ? Tappaniana (Cyclostoma) C. B. Adams. † I. 248. II. 127. III. 136. — *Cistula Tappaniana Gray.* — Jamaica.
4. quaternata (Cyclostoma) Lam. (Coll. 2.) I. 249. II. 127. III. 136. — *Cistula quaternata Gray.* — *Chondropoma quaternatum Reeve.* — Habitat?
5. pupiformis (Cyclostoma) Sow. (Coll. 3.) I. 249. II. 127. III. 136 *(pupaeformis).* — *Pätel* Cat. p. 122. — *Cistula pupiformis Gray.* — Haiti; var. ins. Anguilla: Bland.

§. 2.

6. papyracea (Cyclostoma) C. B. Adams. (Coll. 4.) I. 280 (Chondropoma?). II. 127. III. 136. — *Gloyne* in Journ. Conch. XX. p. 40. — Jamaica.
7. fecunda (Cyclostoma) C. B. Adams. (Coll. 5.) I. 246. II. 127. III. 136. — *Gloyne* l. c. p. 40. — *Pätel* Cat. p. 122. — *Cistula fecunda Ad.* — Jamaica.
8. armata (Cyclostoma) C. B. Adams. (Coll. 6.) I. 247. II. 127. III. 136. — *Gloyne* l. c. p. 40. — *Pätel* Cat. p. 122. — *Cistula armata Ad.* — Jamaica.
9. mutica (Cyclostoma) C. B. Adams. I. 247. II. 127. III. 136. — *Cistula mutica Ad.* — Jamaica.
10. planospira (Cyclostoma) Pfr. (Coll. 7.) II. 127. III. 136. — Respubl. mexicana.
11. maritima (Cyclostoma) C. B. Adams. (Coll. 8.) I. 247. II. 127. III. 136. — *Pätel* Cat. p. 122. — *Cyclostoma Petrarum Rang.* — *Cistula maritima Ad.* — Var.: *Cyclostoma Aurora C. B. Adams.* — Jamaica.
12. Griffithiana (Cyclostoma) C. B. Adams. I. 264 (Cistula?). II. 127. III. 136. — Jamaica.

§. 3.

13. ferruginea (Cyclostoma) Lam. (Coll. 9.) I.. 245. II. 126. III. 136. — *Pätel* Cat. p. 122. — *Turbo corneus L.?*, *fulvus Wood.* —

Cyclostoma bistriatus Brown Ill. rec. conch. Gr. Brit. t. 41. f. 29. 30 (ed. II. t. 14. f. 29. 30: *C. ferrugineum*), *productum Turt.*, *fulvum Gray*, *ferrugineum* (Tudora) *Kob.* Cat. p. 59. — *Cyclostomus ferrugineus Gray.* — *Cistula ferruginea Ad.* — Hispania, Algeria.

§. 4.

14. versicolor (Cyclostoma) Pfr. (Coll. 10.) I. 244. II. 126. III. 136. — *Pätel* Cat. p. 122. — *Turbo aurantius Wood.* — *Cyclostoma aurantium Gray, aurantiacum Sow., carneum Menke.* — *Cistula versicolor Gray.* — Ins. Bonaire (Buen Ayre) teste *Bland* in Amer. journ. conch. IV. p. 192.

§. 5.

15. columna (Turbo) Wood. (Coll. 11.) I. 250. II. 128. III. 136. — *Gloyne* in Journ. Conch. XX. p. 40. — *Pätel* Cat. p. 122. — *Cyclostoma columna Gray, quinquefasciatum C. B. Adams.* — *Cistula columna Ad.* — Jamaica.
16. Adamsi (Cyclostoma) Pfr. (Coll. 12.) I. 251. II. 128. III. 136. — *Pätel* Cat. p. 122. — *Cyclostoma crenulatum Gray.* — *Cistula Adamsi Ad.* — Jamaica.
17. Wrighti Pfr (Coll. 13.) III. 136. — Cuba.
18. umbricola (Cyclostoma) Weinland. (Coll. 14.) III. 137. — *Pätel* Cat. p. 122. — Haiti.

§. 6.

19. lurida (Cyclostoma) Gundl. (Coll. 15.) III. 137. — *Pätel* Cat. p. 122. — Cuba.

§. 7.

20. ? Chemnitzii (Turbo) Wood. I. 251. II. 128. III. 137. — *Cyclostoma Chemnitzii Gray.* — *Cistula Chemnitzii Ad.* — Africa meridionalis.

§. 8.

21. fascia (Turbo) Wood. (Coll. 16.) I. 253. II. 128. III. 137. — *Gloyne* in Journ. Conch. XX. p. 41. — *Pätel* Cat. p. 122. — *Cyclostoma fascia Gray.* — *Cistula fascia Gray.* — Var.: *Cyclostoma proximum C. B. Adams.* — Jamaica.
22. Augustae (Cyclostoma) C. B. Adams. (Coll. 17.) I. 253. II. 128. III. 137. — *Gloyne* l. c. p. 41. — *Pätel* Cat. p. 122. — *Cistula Augustae Ad.* — Var.: *Cyclostoma nitens C. B. Adams.* — Jamaica.
23. ? Barklyana (Cyclostoma) Chitty. † II. 128. III. 137. — Jamaica.
24. ? simulans (Cyclostoma) C. B. Adams. † I. 256. II. 129. III. 137. — *Cistula simulans Ad.* — Jamaica.
25. Shepardiana (Cyclostoma) C. B. Adams. (Coll. 18.) I. 276. II. 135 (Cistula). III. 138. — *Pätel* Cat. p. 122. — *Chondropoma Shepardianum Reeve.* — Jamaica.

§. 9.

26. nobilis (Cyclostoma) Pfr. I. 252. II. 128. III. 138. — *Cistula nobilis Ad.* — Haiti.
27. ambigua (Cyclostoma) Lam. (Coll. 19.) I. 271. II. 134 (Cistula?). III. 138. — *Cyclostoma interrupta Deless., albescens Weinl.* — *Tudora albescens Pfr.* — Haiti.
28. Abtiana Pfr. (Coll. 20.) III. 138. — Cuba.
29. excurrens (Cyclostoma) Gundl. (Coll. 21.) III. 139. — *Pätel* Cat. p. 122. — Cuba.
30. ? pauperata (Cyclostoma) C. B. Adams. I. 267 (Cistula?). II. 129. III. 139. — Jamaica.
31. pupoides (Cyclostoma) Morelet. (Coll. 22.) I. 257. II. 129. III. 139. — *Pätel* Cat. p. 122. — *Cyclostoma ovatum Pfr.* — *Tudora ovata Pfr.* I. 256. — *Cistula pupoides* et *ovata Ad.* — Cuba.
32. Moreletiana (Cyclostoma) Petit. (Coll. 23.) I. 257. II. 129. III. 139. — *Pätel* Cat. p. 122. — *Cyclostoma disjuncta Morelet.* — *Cistula Moreletiana Ad.* — Isla de Pinos prope Cuba.
33. avena (Cyclostoma) C. B. Adams. (Coll. 24.) I. 258. II. 129. III. 139. — *Gloyne* in Journ. Conch. XX. p. 41. — *Cistula avena Ad.* — Jamaica.
34. dislocata (Cyclostoma) Baird. (Coll. 25.) I. 277. II. 135 (Cistula). III. 139. — *Pätel* Cat. p. 122. — *Choanopoma dislocatum Gray.* — Jamaica.

XLIV. Leonia Gray.

Pfr. Mon. Pneum. p. 259; II. p. 129; III. p. 139. — *Kobelt* Catal. p. 59: sectio Cyclostomatis. — *Pätel* Catal. 1873. p. 17. 122: genus Cyclostomeorum.

Species:

1. mammillaris Lam. (Coll. 1.) I. 259. II. 129. III. 139. — *Pätel* Cat. p. 122. — *Cyclostoma mammillaris Lam., Voltzianum Mich., Volziana Desh., Woltzianum Terv., laevigatum Sow., Velascoi Graells, mammillare* (Leonia) *Kob.* Cat. p. 59. — *Cyclostomus mammillaris Ad.* — Hispania, Algeria.

2. L. scrobiculata Mousson. †

„Testa rimata, glandiformis, costulis transversis et decurrentibus in scrobiculis regulariter reticulata, nitidiuscula, alba. Spira convexo-conica; nucleo obtuso, laevigato, albo, rufomarginato; sutura minute crenulata vel lacerata, vix impressula. Anfr. $5^1/_2$, subceleriter accrescentes, superi planiusculi, se-

quentes convexiusculi, ultimus non descendens, $^2/_5$ altitudinis aequans, de sutura subappressa rotundatus, basi convexus. Apertura verticalis, subcircularis, supra angulata, intus albida. Peristoma brevissime eversum, subincrassatum, obtusulum, marginibus ad $^1/_5$ peripheriae approximatis, lamina callosa junctis, columellari vix expansiusculo. — Operculum extus crassiusculum, radialiter acute semi-sulcatum, obscure unispiratum, intus concavum. — Long. 18, diam. 10 mill. — Rat. anfr. 3 : 1. — Rat. apert. 6 : 5.“ (M.)

Cyclostoma (Leonia) scrobiculata Mouss. in Malak. Bl. XXI. 1873. p. 155; Jahrb. malak. Ges. I. 1874. p. 98. t. 5. f. 1. 2.

Habitat Mogador et Djebel-Hadid imperii Maroccani.

Subfam. VII. Cistulea.

Pfr. Mon. Pneum. II. p. 130; III. p. 139.

XLV. Cistula Gray.

Pfr. Mon. Pneum. p. 260; II. p. 130; III. p. 139. — *Bland* in Amer. journ. conch. II. 1866. p. 61. — *Pätel* Catal. 1873. p. 17. 122: genus Cistuleorum.

Conspectus specierum.

A. Globoso-conicae . . . . §. 1. Nr. 1— 9.
B. Ovato- vel oblongo-turritae.
 1. Anfractu ultimo adnato.
  a. Peristomate simplice . . . §. 2. — 10—13.
  b. — duplice,
   α. externo dilatato . . . . §. 3. — 14—17.
   β. — angusto . . . . §. 4. — 18—23.
 2. Anfractu ultimo soluto.
  a. Peristomate subsimplice. . . §. 5. — 24—29.
  b. — distincte duplicato,
   α. limbo externo plano . . §. 6. — 30—36.
   β. — — fimbriato . §. 7. — 37—42.

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§. 1.

1. ? platychila (Cyclostoma) Pfr. I. 261. II. 130. III. 140. — *Cyclostoma latilabre Pfr.* olim. — Habitat?
2. Jimenoi (Cyclostoma) Arango. (Coll. 1.) III. 252. — *Pfr.* Novit. conch. II. fasc. XXIII. p. 276. Nr. 389. t. 68. f. 6—9. — *Pätel* Cat. p. 123. — Cuba.
3. catenata (Cyclostoma) Gould. (Coll. 2.) I. 261. II. 130. III. 140. — *Pätel* Cat. p. 123. — *Cyclostoma interruptum Gould, limbiferum Menke.* — *Choanopoma semiproductum Gray.* — *Cistula limbifera Pfr.* — *Chondropoma ternatum Reeve.* — Cuba.
4. Agassizi (Cyclostoma) Charp. (Coll. 3.) I. 262. II. 130. III. 140. — *Pätel* Cat. p. 122. — *Chondropoma Agassizii Reeve.* — Cuba.
5. Mackinlayi (Cyclostoma) Gundl. (Coll. 4.) III. 140. — *Pätel* Cat. p. 123. — Cuba.
6. arctistria Pfr. (Coll. 5.) III. 140. — Cuba.
7. interstitialis (Cyclostoma) Gundl. (Coll. 6.) III. 141. — *Pätel* Cat. p. 123. — Cuba.
8. cumulata Pfr. (Coll. 7.) III. 141. — *Pätel* Cat. p. 123. — Cuba.
9. pleurophora (Cyclostoma) Pfr. I. 262. II. 131. III. 142. — Honduras.

§. 2.

10. radiosa (Cyclostoma) Morelet. (Coll. 8.) I. 263. II. 131. III. 142. — *Pätel* Cat. p. 123. — *Chondropoma radiosum Reeve.* — Guatemala.
11. Tamsiana (Cyclostoma) Pfr. (Coll. 9.) I. 263. II. 131. III. 142. — *Pätel* Cat. p. 123. — *Martens* Binn. Venez. p. 4. — *Chondropoma Tamsianum Reeve.* — Venezuela.
12. Riisei (Cyclostoma) Pfr. (Coll. 10.) I. 417. II. 131. III. 142. — *Pätel* Cat. p. 123. — *Chondropoma Riisei Reeve.* — Portorico.
13. Antiguensis (Cyclostoma) Shuttl. (Coll. 11.) II. 131. III. 142. — *Chondropoma Antiguense Reeve.* — Antigua.

§. 3.

14. Gruneri (Cyclostoma) Pfr. I. 264. II. 131. III. 142. — *Chondropoma Gruneri Reeve.* — Honduras.
15. pallida (Cyclostoma) Pfr. (Coll. 12.) I. 265. II. 131. III. 142. — *Pätel* Cat. p. 123. — *Chondropoma pallidum Reeve.* — Cuba?
16. Küsteri (Cyclostoma) Pfr. (Coll. 13.) I. 265. II. 131. III. 142. — *Pätel* Cat. p. 123. — *Chondropoma Küsteri Reeve.* — Honduras.
17. radula (Cyclostoma) Pfr. I. 266. II. 131. III. 142. — *Chondropoma radula Reeve.* — Cuba?

§. 4.

18. ? sagittifera (Cyclostoma) C. B. Adams. I. 266. II. 131. III. 142. — *Chondropoma sagittiferum Reeve.* — Jamaica.
19. illustris (Cyclostoma) Poey. (Coll. 14.) I. 267 (*Candeana*). II. 132. III. 142. — *Pätel* Cat. p. 123. — *Cyclostoma truncatum Pfr.* olim (non Mus. Berol.), *Candeanum Sow.* (non *Orb.*), *Delatreanum Poey* (non *Orb.*). — *Cistula Delatreana Pfr.* olim. — Cuba.

20. **agrestis** (Cyclostoma) Gundl. (Coll. 15.) III. 142. — *Pätel* Cat. p. 123. — Cuba.

21. ? C. Aripensis (Adamsiella) Guppy. †

„Testa oblongo-turrita, anguste perforata, vix truncata, tenuiuscula, longitudinaliter confertim plicata, saturate rufa, saepe fasciis nonnullis obscurioribus interruptis notata, liris spiralibus circa 3 ad umbilicum angustum munita; spira regulariter attenuata, vix truncata; sutura profunda, simplex; anfr. superst. 6, convexi, gradatim accrescentes; apertura verticalis, ovalis; perist. aurantiacum vel pallidum, duplex, concentrice striatum, superne dilatatum, limbo interno undulato, ad anfr. penultimum subemarginato, externo leviter undulato. — Operc. ovale, subcartilagineum, anfr. circa 4 gradatim accrescentibus, quorum margine externo soluto. — Long. 0,65, lat. max. 0,3 poll.“ (G. angl. 1864.)

Adamsiella Aripensis Guppy in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 246. Conf. *Guppy* ibid. XVII. 1866. p. 45.

Cistula Aripensis Bland in Amer. journ. conch. IV. p. 79.

Habitat „Cerros de Aripa“ insulae Trinidad.

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22. **rufilabris** (Cyclostoma) Beck. (Coll. 16.) I. 268 (*bilabris*). II. 133. III. 143. — *Pätel* Cat. p. 123. — *Cyclostoma bilabre Menke.* — *Tudora rufilabrum Mörch.* — *Chondropoma rufilabre Reeve.* — Ins. St. Croix Indiae occidentalis.
23. ? **acerbula** (Cyclostoma) Morelet. † I. 420. II. 133. III. 143. — Guatemala.

§. 5.

24. ? **lugubris** (Cyclostoma) Pfr. I. 269. II. 133. III. 143. — *Pätel* Cat. p. 123. — *Chondropoma lugubre Reeve.* — Jamaica, var. in ins. Anguilla.
25. **mordax** (Cyclostoma) C. B. Adams. (Coll. 17.) I. 269. II. 133. III. 143. — *Pätel* Cat. p. 123. — *Chondropoma mordax Reeve.* — Jamaica.
26. **inculta** (Cyclostoma) Poey. (Coll. 18.) II. 134. III. 143. — *Pätel* Cat. p. 123. — *Chondropoma? incultum Pfr.* olim. — Cuba.
27. **lineolata** (Cyclostoma) Lam. (Coll. 19.) I. 270. II. 134. III. 143. — *Pätel* Cat. p. 123. — Portorico.
28. ? **capillacea** Pfr. (Coll. 20.) III. 143. — Haiti.
29. **Thoreyana** (Cyclostoma) Phil. (Coll. 21.) I. 270. II. 134. III. 143. — *Pätel* Cat. p. 123. — Bolivia.

§. 6.

30. **rostrata** (Cyclostoma) Pfr. (Coll. 22.) I. 271. II. 134. III. 143. — *Chondropoma rostratum Reeve.* — Habitat?

31. Grateloupi (Cyclostoma) Pfr. (Coll. 23.) I. 272. II. 134. III. 143. — *Strebel* Abh. nat. Ver. Hamb. VI. 1. p. 10. t. 1. f. 4. — *Pätel* Cat. p. 123. — *Chondropoma Grateloupi Reeve.* — Yucatan.
32. Largillierti (Cyclostoma) Pfr. (Coll. 24.) I. 273. II. 134. III. 143. — *Choanopoma Largillierti Gray.* — *Chondropoma Largillierti Reeve.* — *Cistula L'Argillierti Pätel* Cat. p. 123. — Yucatan.
33. ? mitra (Cyclostoma) Weinland. (Coll. 25.) III. 143. — Haiti.
34. rigidula (Cyclostoma) Morelet. (Coll. 26.) II. 134. III. 144. — Guatemala.
35. ? procax (Cyclostoma) Poey. II. 135. III. 144. — Cuba.
36. ? livida (Chondropoma) Reeve. III. 144. („*Cyclostoma bilabiatum Pfr.* olim.") — *Pätel* Cat. p. 123. — *Cistula bilabiata? Pfr.* I. 271. — Cuba?

§. 7.

37. ? confusa (Cyclostoma) Pfr. I. 274. II. 135. III. 144. — *Cyclostoma Delatreanum Pfr.* in Chemn. — Habitat?
38. Sauliae (Cyclostoma) Sow. (Coll. 27.) I. 275. II. 135. III. 144. — *Pätel* Cat. p. 123. — *Choanopoma Sauliae Gray.* — *Chondropoma Sauliae Reeve.* — Jamaica.
39. trochlearis (Cyclostoma) Pfr. (Coll. 28.) I. 275. II. 135. III. 144. — *Cyclostoma trochlea Pfr.* olim. — *Chondropoma trochleare Reeve.* — Chiapa reipubl. mexicanae.
40. scabrosa Humphr. I. 277. II. 135. III. 144. — *Cyclostoma rugulosum Sow.* — *Choanopoma scabrosum Gray.* — Providence island.
41. cinclidodes (Cyclostoma) Pfr. (Coll. 29.) I. 277. II. 135. III. 144. — *Pätel* Cat. p. 123. — *Chondropoma cinclidodes Reeve.* — Haiti.

42. C. Raveni Crosse. †

„T. perforata, scalariformi-turrita, tenuiuscula, subtranslucida, costis lamellosis, gracilibus, distantibus longitudinaliter ornata, transversim vix obsolete striatula, pallide luteo-albida, zonis 3 angustis, interruptis, costas non superantibus, pallide castaneis cincta; spira breviter turriculata, late truncata; sutura impressa, costis crenata; anfr. superst. 4 convexiusculo-plani, ultimus descendens, solutus, zonis 4 transversis ornatus; apertura subverticalis, fere circularis, intus concolor, zonis anfractus ultimi transmeantibus; perist. liberum, duplex, internum breviter porrectum, castaneo maculatum, externum expansiusculum, margine basali et margine externo elegantissime laciniato-crenatis, lacinia ultima marginis externi caeteris majore, ad marginem parietalem subito evanidum. — Operculum? — Long. 7, diam. maj. vix 3 mill." (Cr.)

Cistula Raveni Crosse in Journ. Conch. XX. 1872. p. 159; XXI. 1873. p. 43. t. 1. f. 5.

Habitat in insula Curaçao Antillarum (H. Raven).

XLVI. Chondropoma Pfr.

Pfr. Mon. Pneum. p. 278; II. p. 136; III. p. 144. — *Bland* in Amer. journ. conch. II. 1866. p. 61. — *Pätel* Catal. 1873. p. 17. 123.

Conspectus specierum.

A. Peristomate simplice,		
1. tenui,		
a. late expanso	§. 1.	Nr. 1.
b. breviter vel vix expanso.		
α. Longitudinaliter plicatae	§. 2.	— 2— 8.
β. Decussatae	§. 3.	— 9— 24.
2. subincrassato brevi	§. 4.	— 25— 38.
B. Peristomate subduplicato.		
1. Oblongo-turritae	§. 5.	— 39— 51.
2. Conoideae	§. 6.	— 52.
C. Peristomate duplice.		
1. Umbilico aperto.		
a. Limbo externo brevi.		
* Oblongo-turritae.		
α. Longitudinaliter sculptae	§. 7.	— 53— 56.
β. Decussatae.		
† Anfractu ultimo adnato	§. 8.	— 57— 69.
†† Anfractu ultimo soluto	§. 9.	— 70— 75.
γ. Spiraliter sculptae .	§. 10.	— 76— 77.
** Conoideae	§. 11.	— 78.
b. Limbo externo late expanso	§. 12.	— 79— 86.
2. Umbilico lamina reflexa subclauso.		
a. Elongatae	§. 13.	— 87— 89.
b. Globoso-turbinatae . . .	§. 14.	— 90— 93.
3. Umbilico prorsus clauso . .	§. 15.	— 94—100.

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§. 1.

1. magnificum (Cyclostoma) Sallé. I. 278. II. 136. III. 145. — Haiti.

§. 2.

2. Vignalense (Cyclostoma) Wright. (Coll. 1.) III. 145. — Cuba.

* * *

3. plicatulum (Cyclostoma) Pfr. (Coll. 2.) I. 279. II. 136. III. 146. — *Pätel* Cat. p. 123. — *Martens* Binn. Venez. p. 4. t. 1. f. 3. — Venezuela.
4. Venezuelense (Cyclostoma) Pfr. (Coll. 3.) II. 136. III. 146. — *Pätel* Cat. p. 123. — *Martens* Binn. Venez. p. 14. — Venezuela.
5. eusarcum (Cyclostoma) Pfr. (Coll. 4.) I. 281. II. 138. III. 146. — Haiti.
6. Cumanense (Cyclostoma) Pfr. (Coll. 5.) I. 282. II. 128. III. 146. — *Pätel* Cat. p. 123. — Cumana.
7. Emilianum (Cyclostoma) Weinland. (Coll. 6.) III. 146. — *Pätel* Cat. p. 123. — *Chondropoma marinum Reeve.* — Haiti.
8. terebra Pfr. III. 146. — Portorico.

§. 3.

9. Salleanum (Cyclostoma) Pfr. (Coll. 7.) I. 279. II. 137. III. 147. — *Pätel* Cat. p. 123. — Haiti.

10. Ch. Navassense Tryon.

T. vix subperforata, ovato-turrita, crassiuscula, lirulis longitudinalibus confertis, spiralibusque confertioribus, juxta suturam et ad basin fortioribus decussata, pallide cornea vel albida; spira convexo-turrita, breviter truncata; sutura excavata, subtiliter denticulata; anfr. superst. 4 convexiusculi, ultimus basi subattenuato-rotundatus, antice brevissime solutus; apertura subverticalis, ovalis; perist. continuum, latere sinistro angustissimum, rectum, superne angulatim subproductum, caeterum expansum, non reflexum. — Operc.? — Long. 19, diam. 10 mill. Apert. c. perist. oblique $8^1/_2$ mill. longa, 6 lata. (Coll. Nr. 8.)

Chondropoma Navassense Tryon *) in Amer. journ. Conch. II. 1866. p. 305. t. 20. f. 12.

Habitat in insula Navassa Indiae occidentalis.

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*) „Ovately turrited, moderately thick, slightly truncate, covered with numerous close, sharp revolving lines decussating the almost equally prominent ridges of growth, and becoming more distinct towards the base; sutures excavated and minutely crenate-margined; aperture suboval, the outer lip expanded, but not reflected, produced angulate above, and rounded angulate below, the labrum laying close on the body-whorl, and almost entirely covering the umbilicus. Light horn-colour or nearly white (bleached?). Alt. 18 (truncated), diam. 12 mill.“ (T.)

11. dissolutum (Cyclostoma) Poey. (Coll. 9.) II. 137. III. 147. — *Poey* Memor. II. p. 43. t. 4. f. 19 (animal). — *Pätel* Cat. p. 123. — Cuba.
12. revinctum (Cyclostoma) Poey. (Coll. 10.) II. 137. III. 147. — *Pätel* Cat. p. 123. — Cuba.
13. Loweanum (Cyclostoma) Pfr. (Coll. 11.) I. 281. II. 138. III. 147. — Haiti.
14. litturatum (Cyclostoma) Pfr. (Coll. 12.) I. 281. II. 138. III. 147. — *Pätel* Cat. p. 123. — Haiti.
15. ? vespertinum (Cyclostoma) Morelet. † I. 418. II. 138. III. 147. — Chiapa Guatemalae.
16. simplex (Cyclostoma) Pfr. (Coll. 13.) I. 283. II. 138. III. 147. — *Pätel* Cat. p. 123. — Haiti.
17. ? puncticulatum (Cyclostoma) Pfr. II. 138. III. 147. — India occidentalis.
18. oxytremum (Cyclostoma) Gundl. (Coll. 14.) III. 147. — *Pätel* Cat. p. 123. — Cuba.

19. **Ch. Julieni Pfr.**

T. subperforata, oblongo-turrita, truncata, solidula, spiraliter obsolete (raro distincte) lirata et pliculis longitudinalibus confertissimis sculpta, opaca, fulvida vel albida, superne fumigata, basi interdum lineis nonnullis rufis cingulata; spira lente attenuata; (amisso apice obtusulo trium anfractuum) sublate truncata; sutura impressa, subsimplex; anfr. superst. 4 modice convexi, ultimus antice vix solutus, basi rotundatus; apertura subverticalis, subangulato-ovalis; perist. simplex (rarissime subduplicatum), continuum, undique breviter expansum, superne angulatim breviter productum. — Long. 12, diam. 5 mill. Ap. $4^1/_2$ mill. longa, 3 lata. (Coll. Nr. 15.)

Chondropoma Julieni Pfr. in Malak. Bl. XIII. 1866. p. 89.
— — *Pätel* Catal. p. 123.

Habitat in insula Sombrero Indiae occidentalis (dom. Alexis B. Julien, scriptor de insulae geologia, etc.).

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20. solidulum (Cyclostoma) Gundl. (Coll. 16.) III. 147. — *Pätel* Cat. p. 123. — Cuba.
21. unilabiatum (Cyclostoma) Gnndl. (Coll. 17.) III. 148. — *Pätel* Cat. p. 123. — Cuba.

22. **Ch. Dunkeri Arango.**

T. subperforata, ovato-turrita, tenuis, liris spiralibus elevatis approximatis (nonnullis minoribus) striisque confertissimis, liras transgredientibus sculpta, haud nitens, fulvo-carnea; spira subregulariter attenuata, versus apicem truncatum igneo-

fusca; anfr. superst. $4^1/_2$ convexi, ultimus non solutus, liris circa perforationem confertioribus; apertura subverticalis, angulato-ovalis, intus nitida, rubro-lineata; perist. breviter adnatum, tenue, margine dextro expansiusculo. — Long. 12—13, diam. $6^1/_2$ mill. Ap. $5^2/_3$ mill. longa, $4^1/_3$ lata. (Coll. Nr. 18.)

Chondropoma Dunkeri Arango mss., *Pfr.* in Malak. Bl. XIII. 1866. p. 63.

Habitat Cayoguin prov. Baracoa insulae Cuba.

Obs. Species *Ch. unilabiato Gundl.* similis, liris spiralibus fortiter elevatis statim distinguenda.

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23. rufopictum (Cyclostoma) Gundl. (Coll. 19.) III. 148. — *Pätel* Cat. p. 123. — Cuba.
24. igneum Reeve. † III. 149. — Habitat?

§. 4.

25. Weinlandi Pfr. (Coll. 20.) I. 286. II. 139 (*semilabre*, non *Lam.*). III. 149. — *Pätel* Cat. p. 123. — Haiti.
26. semilabre (Cyclostoma) Lam. (Coll. 21.) III. 150. — *Pätel* Cat. p. 123. — *Chondropoma glabratum Reeve.* — Crooked Island insularum Bahamensium.
27. Hjalmarsoni Pfr. (Coll. 22.) III. 150. — *Pätel* Cat. p. 123. — Turk's Island.
28. pictum (Cyclostoma) Pfr. (Coll. 23.) I. 283. II. 139. III. 151. — *Pätel* Cat. p. 123. — *Cyclostoma Sagra Orb.*, *Mahogani Gould*, *Gouldianum Poey*, *semilabrum Reeve?*, *punctulatum Fér.* — Cuba.
29. Yucayum (Cyclostoma) Presas. (Coll. 24.) III. 151. — *Pätel* Cat. p. 123. — Cuba.

30. **Ch. laetum (Cyclostoma) Gutierrez.**

T. subperforata, oblongo-ovata, truncata, solidula, striis longitudinalibus confertis, lirisque concentricis distantioribus noduloso-decussata, pallide isabellina, punctis rufis subseriatis irregulariter aspersa; spira ovato-conica, truncata; sutura albo-denticulata; anfr. superst. 4 modice convexi, celeriter accrescentes, ultimus basi fortius liratus, antice breviter solutus; apertura magna, axi parallela, angulato-ovalis, intus carnea, nitida; perist. continuum, breviter expansum, subincrassatum, ad anfr. contiguum adpressum, infra perforationem angustatum, superne angulatim productum. — Long. 12, diam. 7 mill. Apert. c. perist. 6 mill. longa, 4 lata. (Coll. Nr. 25.)

Cyclostoma laetum Gut. mss. teste *Poey* Memor. II. p. 33.

Chondropoma laetum Pfr. Mon. Pneum. II. p. 139; III. p. 151; Malak. Bl. XVII. 1870. p. 89.

Habitat ad portum Jibara insulae Cubae.

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31. Poeyanum (Cyclostoma) Orb. (Coll. 26.) I. 282 (*elongatum*). II. 138. III. 151. — *Pätel* Cat. p. 123. — *Turbo elongatus Wood?* — *Cyclostoma elongatum Sow.?* — Cuba.

32. moestum (Cyclostoma) Shuttl. (Coll. 27.) II. 139. III. 151. — *Cyclostoma Hellenicum Gray*, *Charpentieri Shuttl.* — Cuba.

33. decurrens (Cyclostoma) Poey. (Coll. 28.) II. 140. III. 151. — Cuba.

34. obesum (Truncatella) Menke. (Coll. 29.) I. 285. II. 140. III. 151. — *Pätel* Cat. p. 123. — *Cyclostoma obesum Pfr.* 1840. — Cuba.

35. Ch. Rawsoni Pfr.

T. rimata, oblongo-turrita, truncata, solidula, sublaevigata (sub lente obsoletissime decussatula), pallide fulva, punctis seriatis rufulis indistincte picta; spira sensim attenuata, latiuscule truncata; sutura minute crenulata; anfr. superst. 4—4$^1/_2$ convexi, ultimus sublonge solutus, dorso angulatus, basi rotundatus; apertura parum obliqua, angulato-ovalis, intus nitida; perist. subrectum, vix incrassatum, margine sinistro simplice, levius arcuato. — Operc. tenue, fulvescens. — Long. 10$^1/_2$—13, diam. 5—6 mill. (Coll. Nr. 30.)

Chondropoma Rawsoni Pfr. in Malak. Bl. XIV. 1867. p. 166.
— — *Pätel* Catal. p. 123.

Habitat in insula Inagua Bahamensium (Dr. Bryant).

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36. dentatum (Cyclostoma) Say. (Coll. 31.) I. 286. II. 140. III. 151. — *Tryon* in Amer. journ. conch. IV. p. 11. t. 18. f. 14—16. — *Binn.* Land- and freshw. moll. North-Am. III. p. 96. f. 191—194. — *Pätel* Cat. p. 123. — *Cyclostoma lineolatum Ant.*, *crenulatum Pfr.* (non *Fér.*), *Auberiana Orb.*, *Aubereanum Sow.*, *lunulatum Mörch.* — *Chondropoma crenulatum Pfr.* olim. — Cuba, Florida.

37. biforme Pfr. (Coll. 32.) III. 151. — *Pätel* Cat. p. 123. — Turk's Island.

38. Swifti (Cyclostoma) Shuttl. (Coll. 33.) II. 140. III. 152. — Portorico.

§. 5.

39. Blauneri (Cyclostoma) Shuttl. (Coll. 34.) II. 140. III. 152. — *Pätel* Cat. p. 123. — Portorico.

40. hemiotum (Cyclostoma) Pfr. (Coll. 35.) I. 288. II. 140. III. 152. — Haiti.

41. dilatatum (Cyclostoma) Gundl. (Coll. 36.) III. 152. — *Pätel* Cat. p. 123. — Cuba.

42. Newtoni (Cyclostoma) Shuttl. † II. 141. III. 152. — Portorico.

43. Newcombianum (Cyclostoma) C. B. Adams. (Coll. 37.) I. 288. II. 141. III. 152. — *Pätel* Cat. p. 123. — *Cyclostoma Troscheli Pfr.* olim, *Swiftianum Newc.* — Ins. St. Thomas.

44. Tortolense Pfr. (Coll. 38.) II. 142. III. 152. — *Pätel* Cat. p. 123. — Ins. Tortola.

45. ? angustatum (Cyclostoma) Pfr. II. 142. III. 153. — *Pätel* Cat. p. 123: Jamaica. — Habitat?

46. ? turritum (Cyclostoma) Pfr. I. 289. II. 142. III. 153. — *Pätel* Cat p. 123: Honduras. — Habitat?

47. crenulatum (Cyclostoma) Fér. (Coll. 39.) I. 289. II. 142. III. 153. — *Pätel* Cat. p. 123. — *Cyclostoma guadeloupense Pfr.*, *nodulosum Gray*. — Guadeloupe.

48. diaphanum (Cyclostoma) Pfr. I. 290. II. 142. III. 153. — Habitat?

49. Ch. cirratum Wright.

T. perforata, ovato-turrita, tenuiuscula, liris spiralibus distinctis, inaequalibus, costulisque membranaceis confertis subscabre decussata, pallide cornea, strigis undulatis vel puncturatis saturate fuscis picta; spira turbinata, versus apicem breviter truncatulum nigricans; sutura fasciculato-crenata; anfr. superst. fere 5 convexi, ultimus antice breviter solutus, dorso carinatus; apertura vix obliqua, angulato-ovalis; perist. tenue, continuum, margine sinistro simplice, dextro subduplicato, limbo interno vix prominulo. — Operc. normale, tenue. — Long. 9—$9^2/_3$, diam. 5—$5^1/_3$ mill. Apert. 4 mill. longa, $3^1/_2$ lata. (Coll. Nr. 40.)

Cyclostoma cirratum Wright mss.

Chondropoma cirratum Pfr. in Malak. Bl. XIV. 1867. p. 210.

Choanopoma cirratum Pätel Catal. p. 121.

Habitat „Sierra de Guïra insulae Cubae“ (Wright).

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50. ? subauriculatum Pfr. (Coll. 41.) III. 153. — Cumana.

51. Ch. aspratile (Cyclostoma) Morelet. †

„T. anguste perforata, truncata, cylindraceo-turrita, costis distantibus, elevatis, minoribusque in earum interstitiis sculpta, corneo-lutea vel pallide violacescens; sutura profunda, conspicue denticulata; anfractus superst. 5, convexi, plicis obsoletis, basi eminentioribus, spiraliter notati, ultimus subaequaliter costulato-striatus, antice breviter solutus; apertura ovato-lunaris; peristoma subduplex, margine externo expanso, fimbriato, sursum angulatim dilatato. — Operc. fulvidum, nucleo fere centrali. — Longit. 7—9, diam 3—4 mill.“ (M.)

Cyclostoma (Chondropoma) aspratile Morel. in Journ. Conch. XXI. 1873. p. 125. t. 5. f. 2.

Habitat in republica Aequatoris.

§. 6.

52. latum (Cyclostoma) Gundl. (Coll. 42.) III. 153. — *Pätel* Cat. p. 123. — Cuba.

§. 7.

53. rubicundum (Cyclostoma) Morelet. (Coll. 43.) I. 291. II. 144. III. 154. — *Pätel* Cat. p. 123. — Guatemala.
54. Santacruzense Pfr. (Coll. 44.) II. 145. III. 154. — *Cistula Santacruzensis Pätel* Cat. p. 123. — Ins. St. Croix.
55. Cordovanum (Cyclostoma) Pfr. (Coll. 45.) II. 145. III. 154. — *Pätel* Cat. p. 123. — Respubl. mexicana.
56. ? harpa (Cyclostoma) Pfr. I. 292. II. 145. III. 154. — Cuba?

§. 8.

57. violaceum (Cyclostoma) Pfr. (Coll. 46.) I. 252 (Tudora). II. 142. III. 154. — *Pätel* Cat. p. 123. — *Cistula violacea Ad.* — Var.: *Chondropoma bilabiatum Reeve.* — Cuba.
58. textum (Cyclostoma) Gundl. (Coll. 47.) III. 154. — Cuba.
59. blandum (Cyclostoma) Pfr. I. 290. II. 143. III. 154. — Haiti.
60. ? crenimargo Pfr. (Coll. 48.) III. 154. — Cuba.
61. canescens (Cyclostoma) Pfr. (Coll. 49.) I. 255. II. 128 (Tudora). III. 155. — *Pätel* Cat. p. 123. — *Cyclostoma confertum Poey.* — *Tudora ? conferta Pfr.* olim. — *Cistula canescens Ad.* — Cuba.
62. ? jucundum (Cyclostoma) Pfr. I. 290. II. 143. III. 155. — Habitat?
63. neglectum (Cyclostoma) Gundl. (Coll. 50.) III. 155. — Cuba.
64. Petitianum (Cyclostoma) Pfr. (Coll. 51.) I. 291. II. 144. III. 155. — *Pätel* Cat. p. 123. — Haiti.
65. Ernesti Pfr. (Coll. 52.) III. 155. — *Pätel* Cat. p. 123. — Cuba.
66. erectum (Cyclostoma) Gundl. (Coll. 53.) III. 156. — *Pätel* Cat. p. 123. — Cuba.
67. Candeanum (Cyclostoma) Orb. (Coll. 54.) I. 267 (*Cistula Cand.* in not.). II. 146. III. 156. — *Pätel* Cat. p. 123. — Cuba.
68. tenuiliratum Pfr. (Coll. 55.) II. 146. III. 156. — Cuba.
69. Caricae Pfr. (Coll. 56.) III. 156. — *Pätel* Cat. p. 123. — Haiti.

§. 9.

70. Delatreanum (Cyclostoma) Orb. (Coll. 57.) I. 293. II. 143. III. 157. — *Pätel* Cat. p. 123. — *Cyclostoma Dutertreana Orb.* — *Cistula Delatreana Gray.* — Cuba.
71. integrum (Cyclostoma) Pfr. I. 292. II. 145. III. 157. — *Pätel* Cat. p. 123. — India occidentalis.
72. scobina (Cyclostoma) Gundl. (Coll. 58.) III. 157. — *Pätel* Cat. p. 123. — Cuba.
73. truncatum (Cyclostoma) Wiegm. † I. 293. II. 145. III. 157. — Conf. *Martens* in Malak. Bl. XII. 1865. p. 5. — Respubl. mexicana?
74. abnatum (Cyclostoma) Gundl. (Coll. 59.) III. 157. — *Pätel* Cat. p. 123. — Cuba.
75. adulterinum Pfr. (Coll. 60.) III. 158. — Haiti.

§. 10.

76. Pfeifferianum (Cyclostoma) Poey. (Coll. 61.) II. 144. III. 158. — *Pätel* Cat. p. 123. — Cuba.
77. perlatum (Cyclostoma) Gundl. (Coll. 62.) II. 144. III. 158. — *Pätel* Cat. p. 123. — Cuba.

§. 11.

78. revocatum (Cyclostoma) Gundl. (Coll. 63.) II. 146. III. 158. — *Pätel* Cat. p. 123. — Cuba.

§. 12.

79. latilabre (Cyclostoma) Orb. (Coll. 64.) I. 294. II. 146. III. 158. — *Pätel* Cat. p. 123. — *Choanopoma latilabre Gray.* — Cuba.
80. Sagebieni (Cyclostoma) Poey. (Coll. 65.) III. 159. — Cuba.

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81. discolorans (Cyclostoma) Wright. (Coll. 66.) III. 159. — Cuba.

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82. egregium (Cyclostoma) Gundl. (Coll. 67.) II. 147. III. 159. — *Pätel* Cat. p. 123. — Cuba.
83. Gutierrezi (Cyclostoma) Gundl. (Coll. 68.) III. 160. — *Pätel* Cat. p. 123. — *Chondropoma magnificum var. Reeve.* — Cuba.
84. Presasianum (Cyclostoma) Gundl. (Coll. 69.) III. 160. — *Pätel* Cat. p. 123. — Cuba.
85. irradians (Cyclostoma) Shuttl. (Coll. 70.) I. 294. II. 147. III. 161. — *Pätel* Cat. p. 123. — Cuba.

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86. canaliculatum (Cyclostoma) Gundl. (Coll. 71.) III. 161. — *Pätel* Cat. p. 123. — Cuba.

§. 13.

87. echinulatum (Cyclostoma) Wright. (Coll. 72.) III. 161. — Cuba.
88. sinuosum (Cyclostoma) Wright. (Coll. 73.) III. 162. — *Pätel* Cat. p. 123. — Cuba.
89. marginalbum (Cyclostoma) Gundl. (Coll. 74.) III. 162. — *Pätel* Cat. p. 123. — Cuba.

§. 14.

90. claudicans (Cyclostoma) Poey. (Coll. 75.) II. 148. III. 163. — *Poey* Memor. II. p. 43. t. 2. f. 8. — Cuba.
91. tenebrosum (Cyclostoma) Morelet. (Coll. 76.) I. 295. II. 148. III. 163. — *Poey* Memor. II. p. 43. t. 2. f. 25. 26. — *Pätel* Cat. p. 123. — Cuba.

92. assimile (Cyclostoma) Gundl. (Coll. 77.) III. 163. — Cuba.
93. semicanum (Cyclostoma) Morelet. † I. 419. II. 148. III. 163. — Isla de Pinos juxta Cuba.

§. 15.

94. Gundlachi (Cyclostoma) Arango. (Coll. 78.) III. 163. — *Pätel* Cat. p. 123. — *Chondropoma solare Pfr.* — Cuba.
95. Shuttleworthi (Cyclostoma) Pfr. (Coll. 79.) I. 295. II. 147. III. 164. — *Pätel* Cat. p. 123. — *Cyclostoma verecundum Poey.* — *Chondropoma verecundum Pfr.* — Cuba.
96. incrassatum (Cyclostoma) Wright. (Coll. 80.) III. 164. — *Pätel* Cat. p. 123. — Cuba.
97. foveatum (Cyclostoma) Gundl. (Coll. 81.) III. 165. — Cuba.
98. Ottonis (Cyclostoma) Pfr. (Coll. 82.) I. 296. II. 148. III. 165. — *Pätel* Cat. p. 123. — *Choanopoma? Ottonis Pfr.* olim. — Var.: *Cyclostoma petricosum Morelet.* (I. 419.) — Cuba.
99. pudicum (Cyclostoma) Orb. (Coll. 83.) I. 156 (Choanopoma?). II. 101. III. 165. — *Cyclostoma sericatum Morelet.* — *Chondropoma? sericatum Pfr.* I. 419. II. 148. — Cuba.
100. excisum (Cyclostoma) Gundl. (Coll. 84.) III. 166. — Cuba.

Subfam. VIII. Pomatiatea.

Pfr. Mon. Pneum. II. p. 149; III. p. 166. — *Pätel* Catal. 1873. p. 17. 123.

XLVII. Pomatias Studer.

Pfr. Mon. Pneum. I. p. 296; II. p. 149; III. p. 166. — *Blanford* in Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 463. — *A. de Saint-Simon* Mémoire sur les Pomatias du midi de la France 1867; Observ. anatom. sur quelques Pomatias du midi de la France 1867; Revue et Magasin de Zoologie, 2 sér. XXI. 1869. Nr. 1. — *Kregl.* Syst. Verz. 1870. p. 5: genus Cyclostomaceorum. — *Kobelt* Catal. 1871. p. 58: genus Univalvium operculatorum terrestrium. — *Pätel* Catal. 1873. p. 17. 123.

Conspectus specierum.

A.	Peristomate auriculato	§. 1.	Nr. 1—30.
B.	— non auriculato . . .	§. 2.	— 31—39.

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§. 1.

1. auritus Ziegl. (Coll. 1.) I. 297. II. 149. III. 166. — *Saint-Simon* in Rev. 1869. p. 9. n. 2. — *Kob.* Cat. p. 59. — *Pätel* Cat. p. 123. — *Cyclostoma excissilabrum Mühlf.* — *Pomatias excissilabre Jan.* — Dalmatia, Montenegro, Albania.

2. P. Letourneuxi Bourguignat. †

„Testa obtecte subperforata, turrito-conica, albido-cinerea, castaneis maculis obscure seriatim trifasciata (maculae circa suturam colore intensiori) ac valide rugoso-costulata (costae albidulae, obliquae, leviter undulatae, distantes ac valde prominentes); spira acuminata; apice laevigato, diaphano, obtuso, sicut mamillato; anfractibus 9 parum convexiusculis, lente regulariterque crescentibus, sutura impressa separatis; ultimo magno, terete, ad insertionem labri externi ascendente; apertura leviter obliqua, subcirculari; peristomate intus continuo, extus expanso, dilatato, patente, utrinque auriculato. — Operc.? — Alt. 10—12, diam. 4—5 mill.“ (B.)

Pomatias Letourneuxi Bourg. Moll. nouv., litig. etc. Fasc. VII. 1866. p. 216 t. 33. f. 22. 23.
— — *Saint-Simon* in Rév. et Mag. Zool. 1869. p. 17. n. 30.

Habitat in provincia Constantine Algeriae.

Obs. „Differt a *P. excissilabri Mühlf.* testa magis elongata, basi minus ventrosa, costulis distantioribus, multo fortioribus et eminentioribus, sutura minus profunda, anfractibus minus convexis, perforatione apertiore, apertura leviter obliqua, etc.“

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3. Dalmatinus Parr. (Coll. 2.) III. 166. — *Kob.* Cat. p. 59. — *Pätel* Cat. p. 123. — Castel Nuovo Dalmatiae.

4. P. turritus Walderdorff. †

„Testa minute rimata, conico-turrita, solida, coerulescenti-grisea omnino unicolor, tenuiter et in omnibus anfractibus aequaliter costulata; spira gracilis; anfr. 10, convexi (multo minus tamen quam in *P. aurito*), ultimus paululum ante aperturam subdilatatus, quare margo externus superat suturam; apertura rotundata; perist. rectum, subauriculatum juxta rimam umbilicalem; palatum incrassatum, semper duplicationem peristomatis in forma labii acute prominentis (uti in *Clausilia bilabiata Wagn.*) formans; fauces fulvae; cervix obscurior. — Operc. tenue, nitidum, fragile, corneum, translucens, spiratum. — Altit. 12, lat. 2 mill.“ (v. W. germ.)

Pomatias turritus Walderd. Syst. Verz. Land- u. Süssw. Moll. Cattaro p. 9. (Ex Verh. zool. bot. Ges. Wien 1864.)

Habitat in districto Cattaroensi, M. Falcone.

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5. obscurus (Cyclostoma) Drap. (Coll. 3.) — *Saint-Simon* in Rev. 1869. p. 18. n. 36. — *Pomatias Studeri Hartm. α, obscurum Kob.* Cat. p. 59. — *Pätel* Cat. p. 124. — *Cyclostoma patulum Sow.* — Pyrenaeae.
6. ? fimbriatus Held, *St. Simon* in Rev. et Mag. Zool. 1869. p. 12. n. 11. — *Pomatias obscurus var. Pfr.* — Pyrenaeae.
7. crassilabrum Dupuy. (Coll. 4.) II. 149. III. 167. — *Saint-Simon* in Rev. 1869. p. 17. n. 32. — *Pätel* Cat. p. 123. — *Pomatias obscurum var. Kob.* Cat. p. 59. — Pyrenaeae.

8. P. Mabillianus Saint-Simon. †

„Testa vix perforata, conoideo-turriculata, solida, fere opaca, gilvo-cornea, immaculata, striata (costae fere rectae, vix obliquae, regulares, argutae, parum prominentes); spira mediocriter acuminata; anfractibus 10 convexis, rapide ac regulariter crescentibus, sutura perspicua separatis; embryonalibus 3 mamillatis, corneis et laevigatis; caeteris regulariter striatis; ultimo magno, vix ad basin depresso, non carinato; apertura mediocri, verticali, transversim ovata; peristomate crasso, continuo, expanso, unilabiato, convexo, albo; margine columellari vix auriculato, margine externo crasso, vix canaliculato. — Operculo plano, laevigato; anfractibus sutura mediocriter perspicua separatis; umbilico centrali nullo. — Altit. 13, diam. 5 mill." (S.)

Pomatias Mabillianus Saint-Simon in Rev. et Mag. Zool. XXI. 1869. p. 6. 18. n. 35.

Habitat „Eaux Bonnes" Pyrenaearum inferiorum.

Obs. Affinis *P. crassilabri.*

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9. Partioti Moq.-Tand. † II. 150. III. 167. — *Saint-Simon* in Rev. 1869. p. 18. n. 37. — *Kob.* Cat. p. 59. — Pyrenaeae.
10. apricus (Cyclostoma) Mouss. — *Cyclostoma apricum Mouss.* Bem. uat. Therm. v. Aix in Neue Denkschr. Schw. Nat. 1847. VII. p. 47. — *Pomatias Carthusianum Dup.* 1851, *Pfr.* II. 150. III. 167. — *Kob.* Cat. p. 59. — *Pätel* Cat. p. 123. — *Pomatias apricum Drouët, apricus Bourg.* Malac. Aix-les-Bains p. 66. t. 2. f. 15—18. — *Saint-Simon* in Rev. et Mag. Zool. 1869. p. 12. — Alpes Galliae.
11. Hidalgoi Crosse. (Coll. 5.) III. 167. — *Saint-Simon* in Rev. 1869. p. 17. n. 31. — Hispania.

12. P. Bourguignati Saint-Simon. †

„Testa imperforata, conoideo-elongata, turriculata, acuminata, solida, griseo-ferruginea, parum pellucida, costata (costae

obliquae, cinereo-albidae, mediocriter distantes, sinuosae, in ultimis anfractibus plus minusve productae); spira acuminata; apice rotundato, mamillato, flavo, laevigato; anfractibus 10 turgido-rotundatis, regulariter crescentibus, sutura perprofunda separatis, embryonalibus 3, ultimo argute striato, prioribus laevigatis, caeteris costatis, ultimo ad basin parum depresso; apertura paululum obliqua, rotundata, vix compressa; peristomate crasso, continuo, reflexo, bilabiato (labrum internum prominens, fere rotundum; labrum externum validum); margine columellari auriculato, sinuato; margine externo non auriculato; operculo concavo, subtilissime granuloso, anfractibus obsolete suturatis, vix striatis, umbilico centrali nullo. — Alt. 7, diam. 3 mill." (S.)

Pomatias Bourguignati Saint-Simon in Rev. et Mag. Zool. XXI. 1869. p. 3. 19. n. 39.

Habitat Ollastre in Pyrenaeis orientalibus.

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13. excisus Mousson. † III. 167. — *Saint-Simon* in Rev. 1869. p. 10. n. 4. — Janina.

14. P. atlanticus Letourneux. †

„T. imperforata, lanceolato-acuminata, gracili, pallide fulvo-cinerascente, sat pellucida, costata (costae obliquae, plus minusve validae ac productae); spira acuminata; apice obtuso, mamillato, albido, laevigato; anfractibus 9 turgido-rotundatis, lente regulariterque crescentibus, sutura perprofunda separatis; prioribus laevigatis; caeteris costatis; ultimo minus costato, ad aperturam recto, inferne solum leviter dilatato; apertura paululum obliqua, exacte rotundata; peristomate leviter (vix ad labrum externum) expanso, acuto; margine columellari breviter auriculato; marginibus tenui callo junctis. — Alt. 8, diam. 3 mill." (B.)

Pomatias atlanticus Letourn. mss.; *Bourg.* in Rev. et Mag. Zool. 1868. p. 430. t. 15. f. 13—16; Moll. nouv., litig. etc. Nr. IX. 1868. p. 290. t. 40. f. 13—16.
— — *Saint-Simon* in Rev. et Mag. Zool. 1869. p. 19. n. 41.

Habitat ad Oued-Isser Kabyliae (A. Letourneux).

15. P. protractus Parreyss. †

„Testa imperforata, conoideo-elongata, turrita, tenui, cornea, subpellucida, costata (costae obliquae, sinuosae, validae, prioribus anfractibus strictae, in ultimis distantes); spira acu-

minata, apice rotundato ac mamillato; anfractibus 10 turgido-rotundatis, regulariter crescentibus, sutura perprofunda separatis; embryonalibus 3 corneo-flavis (primus laevigatus, minimus, secundus turgidus ac laevigatus, tertius subtilissime lineatus); caeteris costatis (costae apicis strictae); ultimo basi anguste infundibuliformi, non carinato; apertura vix obliqua, rotundato-lunata; peristomate crassiusculo, reflexo, expanso, angustissime continuo; margine columellari crasso, subbilabiato, auriculato; margine externo non reflexo, canaliculato, recurvato. — Alt. 9, diam. 3 mill.“ (S.)

Pomatias protractus Parr. in sched.
— — *Saint-Simon* in Rev. et. Mag. Zool. XXI. 1869. p. 4. 14. n. 17.

Habitat in Sicilia et Italia meridionali.

Obs. Similis *P. Macei Bourg.*

16. P. Maresi Letourneux. †

„Testa imperforata, turbinata, lanceolato-turrita, sat gracili, fulvo-cinerascente ac obscure zonulis aut maculis rufulis vix perspicuis ornata, eleganter confertimque costulata; spira lanceolata; apice corneo, laevigato ac obtuso; anfractibus 9, tumidis, rotundatis, lente regulariterque crescentibus, sutura profunda separatis; ultimo ad aperturam ascendente ac valde dilatato; apertura verticali, exacte rotundata; peristomate undique expanso, non labiato, sed simplici et acuto; auricula columellari locum perforationis obtegente; marginibus callo junctis; operculo . . . . — Alt. 9, diam. 3 mill.“ (L.)

Pomatias Maresi Letourn. in Ann. de Malac. I. 1870. Nr. 3. p. 313.
— — *Saint-Simon* in Rev. et Mag. Zool. 1869. p. 19. n. 40.

Habitat in Kabylia.

Obs. Species jam a Bourguignat (Rev. et Mag. Zool. 1868. p. 43) indicata et cum *P. atlantico* comparata.

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17. tessellatus (Cyclostoma) Wiegm. (Coll. 6.) I. 299. II. 151. III. 168. — *Saint-Simon* in Rev. 1869. p. 10. n. 7. — *Kob.* Cat. p. 58. — *Pätel* Cat. p. 124. — *Cyclostoma conspersum Ziegl.* — Corfu.
18. patulus (Cyclostoma) Drap. (Coll. 7.) I. 301. II. 151. III. 168. — *Saint-Simon* in Rev. 1869. p. 13. n. 15. — *Kregl.* Verz. p. 6. — *De Betta* Moll. Veron. p. 107. — *Pomatias patulum Kob.* Cat. p. 58 cum var.: *crassilabiatum Rossm.* — *Pomatias patulus* et *turriculatus Pätel* Cat. p. 124. — *Cyclostoma turriculatum b Menke.* — *Pomatias Studeri β Hartm.* — Gallia meridionalis, Austriae prov. littoralis, Illyria, Italia, Hispania, Hungaria.
19. ? Henricae Strob. — *Saint-Simon* in Rev. 1869. p. 13. n. 16. — *Pomatias patulus β Pfr.* I. 301. II. 151. III. 168. — *De Betta* Moll. Veron. p. 107. — Italia.

20 septemspiralis (Helix) Razoum. (Coll. 8.) I. 300. II. 151. III. 168 (*maculatus*). — *Saint-Simon* in Rev. 1869. p. 15. n. 26. — *Kregl.* Verz. p. 5. — *De Betta* Moll. Veron. p. 104. — *Brusina* Contr. malac. Croat. p. 31. — *Kob.* Cat. p. 58. — *Möllend.* Faun. Bosn. p. 56. — *Turbo striatus Vallot* 1801, *maculatus Wood.* — *Cyclostoma maculatum Drap.*, *turriculatum a* et *c Menke*, *septemspirale Moq.-Tand.* — *Pomatias striatum Drouët*, *maculatus Pätel* Cat. p. 123. — Germania meridionalis, Helvetia, Gallia, Illyria, Hispania.

21. ? Villae Spinelli. — *Saint-Simon* in Rev. 1869. p. 14. n. 21. — *Pomatias maculatus β Pfr.* II. 151. III. 168. — Italia.

22. Philippianus Gredl. (Coll. 9.) III. 168. — *De Betta* Moll. Veron. p. 105 cum var.: *pachystoma* et *decipiens*. — *Kob.* Cat. p. 59. — *Pätel* Cat. p. 124. — Romagna Italiae.

23. Porroi Strob. † I. 302. II. 151. III. 168. — *Saint-Simon* in Rev. 1869. p. 12. n. 12. — Lombardia.

24. P. croaticus Zelebor.

T. obtecte perforata, turrita, solidula, opaca, unicolor violacescenti-fulva, in anfractibus mediis oblique et subconferte costulata, in ultimo confertissime capillaceo-striata; spira gracilis, vertice obtusiusculo, lutescente; anfr. 8 convexi, ultimus $^1/_3$ longitudinis fere aequans, antice levissime ascendens, basi rotundatus; apertura verticalis, circularis, intus fulvescens; perist. album, duplex: internum continuum, ad anfr. contiguum tenue, caeterum incrassatum, prominens, externum interruptum, sublate expansum et excavatum, margine columellari abrupte auriculatim abscisso. — Long. 7, diam. max. $2^1/_2$ mill.; apert. cum perist. 3 mill. alta, intus vix 2 lata. (Coll. Nr. 10.)

Pomatias croaticus Zelebor in litt.; *Brusina* Contr. Malac. Croat. p. 31. (Nomen.)
— — *Pfr.* Novit. conch. IV. p. 15. Nr. 686. t. 112. f. 14—16.
— — *Pätel* Catal. p. 123.

Habitat Trovera Croatiae (Zelebor), Slunj, Brinj, Plitvice, Perusic, Klek (Brusina).

25. P. Martensianus Möllendorff. †

„Testa subimperforata, turrita, oblique costulata, corneocinerascens, opaca; spira turrita, apice acutiusculo, corneonitidulo; anfr. 8 perconvexi; apertura subobliqua, rotundata; peristoma duplex, internum breve, externum expansum, utrinque auriculatum. — Long. 7, diam. $2^3/_4$ mill. Apertura cum perist. $2^1/_8$ mill. lata.“ (v. M.)

Pomatias Martensianus Möllend. Beitr. Faun. Bosn. 1873. p. 56. t. 1. f. 17. 18.

Habitat ad montes Lipeta et Porim Bosniae.

Obs. Species quasi intermedia inter *P. croaticum* et *gracilem*.

26. P. Athenarum Bourguignat. †

„Testa imperforata, conoideo-elongata, turrita, crassiuscula, fere opaca, brunneo-gilva, maculis rufis parvis obscure seriatim bifasciata, striata (costae albicantes, obliquae, sinuatae, prominentes, paululum inaequales); spira acuminata; anfractibus 9 regulariter crescentibus; embryonalibus 2 mamillatis, flavidis; primo laevigato, secundo subtilissime lineato, caeteris convexiusculis, sutura lineari separatis; ultimo ad basin mediocriter depresso, non carinato; apertura vix obliqua, rotundata; peristomate anguste continuo, crasso, subbilabiato, expanso, albo; margine columellari non crassiore, mediocriter auriculato; margine externo non auriculato, ad insertionem labri canaliculato ac simplici. — Altit. 12, diam. $4^1/_2$ mill.“ (S.)

Pomatias Athenarum Bourg. in sched.; *Saint-Simon* in Rev. et Mag. Zool. XXI. 1869. p. 7. 10. n. 5.

Habitat circa Athenas Graeciae.

27. P. hispanicus Bourguignat. †

„Testa anguste perforata; conoidea, parum turriculata, breviter ad basin dilatata, rufo-cornea, subpellucida; spira vix acuminata; apice obtuso, mamillato, flavo, leviter striato; anfractibus 9 rotundatis, striatis (costae validae, albidae, distantes, mediocriter obliquae ac leviter sinuosae), sutura superficiali separatis; embryonalibus 3; apertura subovato-rotundata, fauce rubiginosa; peristomate subbilabiato, crasso, plano, albo, subcontinuo; margine columellari vix auriculato; operculo vix concavo, anfractibus obsolete suturatis, levissime striatis, umbilico minimo, obsoleto. — Alt. 10, diam. 4 mill.“ (S.)

Pomatias hispanicus Bourg. in sched., *Saint-Simon* in Rev. et Mag. Zool. XXI. 1869. p. 6. 18. n. 34.

Habitat circa Oviedo Hispaniae.

28. P. Paladilhianus Saint-Simon. †

„Testa conoideo-elongata, angustissime perforata, gilvo-brunnea, solida, fere opaca, immaculata, costulata (costae albidulae, parum obliquae, mediocriter sinuosae, distantes, valde prominentes); spira acuminata; anfractibus 9 convexiusculis, lente regulariterque crescentibus; embryonalibus 2 mamillatis, laevigatis, flavo-brunneis; caeteris sutura perspicua separatis; ultimo ad basin parum depresso, non carinato; apertura obliqua, longitudinaliter ovata; peristomate subcontinuo, parum

dilatato, unilabiato, albo; margine columellari vix crassiore, levissime auriculato; margine externo paululum crasso, vix auriculato; operculo vix concavo, subtilissime granulato, anfractibus obsoletis, umbilico centrali vix perspicuo, minimo. — Alt. $9^1/_2$, diam. 4 mill.“ (S.)

Pomatias Paladilhianus Saint-Simon in Rev. et Mag. Zool. XXI. 1869. p. 5. 14. n. 20.

Habitat in Sicilia.

29. P. Benoiti Saint-Simon. †

„Testa imperforata, conoideo-elongata, turriculata, acuminata, tenui, cornea, pellucida, subtiliter striata (costae mediocriter obliquae, aequales, strictae, leviter sinuosae); spira acuminata, apice rotundato, mamillato, flavo, laevigato; anfractibus 8 turgido-rotundatis, regulariter crescentibus, sutura perprofunda separatis, embryonalibus 2, primo minimo, secundo rapide crescente, caeteris striatis, ultimo vix ad basin depresso; apertura paululum obliqua, rotundata; peristomate tenui, vix reflexo, simplici, vix continuo; margine columellari crassiore, subauriculato; margine externo simplici, non canaliculato. — Alt. 6, diam. 2 mill.“ (S.)

Pomatias tersatinus Phil. (??)
— *Benoiti Saint-Simon* in Rev. et Mag. Zool. XXI. 1869. p. 4.

Habitat in Sicilia.

30. P. Hellenicus Bourguignat. †

„Testa conoidea, turrita, vix perforata, solidiuscula, fere opaca, brunneo-rubiginosa, immaculata, argute striata (costae albidae, parum obliquae, mediocriter sinuatae, regulares, strictae, prominentes); spira leviter acuminata; anfractibus 9 rapide crescentibus; embryonalibus 2 mamillatis, laevigatis, albido-flavidis; caeteris convexis, sutura perspicua separatis; ultimo magno, vix ad basin compresso, non carinato; apertura rotundata, vix obliqua; peristomate angusto, expanso, subbilabiato, subcontinuo; margine columellari crassiore, auriculato; margine externo simplici, vix auriculato. — Operculo flavo, concavo, leviter striato; anfractibus sutura perspicua separatis; umbilico centrali, magno ac perspicuo. — Alt. 10, diam. 3 mill.“ (S.)

Pomatias Hellenicus Bourg. in sched.; *Saint-Simon* in Rev. et Mag. Zool. XXI. 1869. p. 8.

Habitat ad montem Parnassi Graeciae.

Obs. Forma obesa inter omnes distinctissima.

§. 2.

31. Barthelemianus Shuttl. † II. 151. III. 168. — *Saint-Simon* in Rev. 1869. p. 19. n. 42. — *Mouss.* Canar. p. 46. — Ins. Canar.

32. Rayianus Bourg. † III. 168. — *Saint-Simon* in Rev. 1869. p. 15. n. 25. — Gallia.

33. striolatus Porro. (Coll. 11.) I. 302. II. 152. III. 169. — *Saint-Simon* in Rev. 1869. p. 16. n. 27. — *Kob.* Cat. p. 59. — *Pätel* Cat. p. 124. — *Cyclostoma turriculatum Phil., striolatum Phil., Philippi A. Braun.* — Italia.

34. Nouleti Dupuy. II. 152. III. 169. — *Saint-Simon* in Rev. 1869. p. 19. n. 38. — *Kob.* Cat. p. 59. — *Cyclostoma Nouleti Moq.-Tand.* — Gallia.

35. cinerascens (Cyclostoma) Rossm. (Coll. 12.) I. 301. II. 252. III. 169. — *Saint-Simon* in Rev. 1869. p. 11. n. 8. — *Kregl.* Verz. p. 7. — *Brusina* Contr. Malac. Croat. p. 31. — *Kob.* Cat. p. 58. — *Pätel* Cat. p. 123. — *Cyclostoma rude Ziegl., brevilabre Parr.* — Var.: *Cyclostoma turgidulum Parr., latilabre Schmidt.* — Dalmatia, Croatia.

36. scalarinus Villa. (Coll. 13 cum mut. sinistrorsa.) I. 304. II. 152. III. 169. — *Saint-Simon* in Rev. 1869. p. 11. n. 9. — *Kob.* Cat. p. 58. — *Brusina* Contr. Malac. Croat. p. 31. — *Pätel* Cat. p. 124. — Istria, Dalmatia, Croatia septentrionalis.

37. gracilis Küst. (Coll. 14.) I. 304. II. 152. III. 169. — *Saint-Simon* in Rev. 1869. p. 11. n. 10. — *Kob.* Cat. p. 58. — Dalmatia.

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38. Himalayae Bens. III. 169. — *Saint-Simon* in Rev. 1869. p. 9. n. 1. — *Pfr.* Novit. conch. IV. p. 14. Nr. 685. t. 112. f. 11—13. — Himalaya.

39. pleurophorus Bens. † III. 169. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 10. — *Bulimus pleurophorus Bens., Pfr.* Mon. Helic. IV. p. 474. — Montes Khasia Indiae.

Species quarum descriptiones non vidi.

Pomatias

Arriensis Saint-Simon Mém. Pom. midi France 1867. p. 16; Revue 1869. p. 18. n. 23.
Cyrniacus Mabille Arch. malac. fasc. IV. 1869. — *Saint-Simon* l. c. 1869. p. 14. n. 22. — Corsica.
enhalius Mabille Arch. malac. fasc. IV. 1869. — *Saint-Simon* l. c. p. 14. n. 23. — Corsica.
Henoni Bourg. ined., *Saint-Simon* l. c. p. 17. n. 29. — Constantine.
Isselianus Bourg. Exc. Mal. Alp. Marit. — *Saint-Simon* l. c. p. 17. n. 28.
Macei Bourg. Exc. Mal. Alp. Marit. — *Saint-Simon* l. c. p. 14. n. 18.
Peguensis Theob., Hanl. & Theob. Conch. Ind. t. 7. f. 8.
Sabaudinus Bourg. Malac. Aix-les-Bains 1864. p. 64. t. 2. f. 11—14. — *Saint-Simon* l. c. p. 13. n. 14.

Simonianus Bourg. Exc. Mal. Alp. Marit. — *Saint-Simon* l. c. p. 15. n. 24.
variegatum Rossm., Kob. Cat. p. 59. — Nizza.

Species fossiles.

Cieuracensis Noul. Mém. coq. foss. sud-ouest France 2e éd. 1868. p. 93. — *Saint-Simon* l. c. 1869. p. 20. n. 46. — *Cyclostoma crassilabrum Noul.* Mém. ed. 1. 1854. p. 54. — *Cyclostoma Nouleti Math.* Rech. dép. fluv. lac. 1863. p. 83.
labellum Sandb. (III. 170.) — *Saint-Simon* l. c. 1869. p. 20. n. 44. — *Cyclostoma crassiusculum A. Braun, labellum Thomae.*
primaevus Bourg. Moll. diluv. env. Paris 1869. — *Saint-Simon* l. c. 1869. p. 20. n. 45.
Rubeschi Crosse. (III. 169.) — *Saint-Simon* l. c. 1869. p. 20. n. 43. — *Cyclostoma Rubeschi Reuss.*
Sandbergeri Noul. Mém. coq. foss. 2e éd. p. 94. — *Saint-Simon* l. c. 1869. p. 21. n. 47.

Subfam. IX. Realiea.

Pfr. Mon. Pneum. II. p. 153; III. p. 170. — *Harper Pease* in Journ. Conch. XVII. 1869. p. 137. Genera: 1. *Realia Gray, Pfr. (Liarea Gray),* 2. *Omphalotropis Pfr.* includens *Hydrocenam Pfr. (Realia Gray* 1852), 3. *Scalinella Pease,* 4. *Japonia Gould,* 5. *Bourciera Pfr.*

Suadentibus E. de Martens (Malak. Bl. XI. 1864. p. 144) et Crosse (Journ. Conch. XV. 1867. p. 183) omnes species ad hanc tribum pertinentes unico genere nunc comprehendimus.

XLVIII. Realia Gray emend.

Realia et *Omphalotropis Pfr.* Mon. Pneum. I. p. 305. 306; *Realia* et *Hydrocena* II. p. 153. 154; *Realia, Hydrocena* et *Omphalotropis* III. p. 170. 171. 175. — *Hydrocena H. & A. Adams* Gen. rec. Moll. II. p. 299. — *Realia Martens* in Malak. Bl. XI. 1864. p. 144; Ostas. Zool. II. 1867. p. 160. — *Realia, Scalinella, Hydrocena* et *Omphalotropis Pätel* Catal. 1873. p. 17. 124.

Nomen huic generi ampliato servetur *Realiae Gray,* ut primum, etsi initio pro una tantum specie propositum. Etenim nomen *Hydrocenae Parr., Pfr.* pro animalibus originarie pro-

positum e Cyclostomaceis excludendis, et nomen *Omphalotropis* non adhibendum pro speciebus carina umbilicali destitutis *).

Genus tali modo ampliatum in sequentes sectiones dividi potest:

1. *Liarea Gray* 1852. (*Realia Gray* 1840, *Pfr.* Mon. Pneum. I. p. 305; II. p. 153; III. p. 170.)

2. *Atropis Pease* **) ex parte. (*Hydrocenae* §. 1—3 *Pfr.* Mon. Pneum. II. p. 154; III. p. 171; *Omphalotropidis* pars *Pfr.* Pneum. I. p. 306 et *Pease* 1869.)

3. *Japonia Gould, Pease* in Journ. Conch. XVII. 1869. p. 159. (*Hydrocenae* §. 4 *Pfr.* Mon. Pneum. III. p. 172, ubi in nota characteres generis.)

4. *Scalinella* ***) *Pease* in Amer. journ. conch. III. 1867. p. 225; Journ. Conch. XVII. 1869. p. 158: genus Realieorum.

5. *Omphalotropis Pfr.* Mon. Pneum. III. p. 175. (*Omphalotropidis* pars *Pfr.* Pneum. p. 306 et *Pease* l. c. 1869; *Hydrocenae* §. 4—7 *Pfr.* Pneum. II. p. 154.) — *Martens* Ostas. Zool. II. p. 159. — *Pease* in Journ. Conch. 1871. XIX. p. 97.

Conspectus specierum.

A.	*Liarea*	§. 1.	Nr.	1— 7.
B.	*Atropis.*			
	a. Sublaevigatae	§. 2.	—	8—27.
	b. Striatulae vel subrugosae . .	§. 3.	—	28—38.
	c. Spiraliter sculptae	§. 4.	—	39—40.
C.	*Japonia*	§. 5.	—	41—43.
D.	*Scalinella*	§. 6.	—	44—46.

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*) Nonnullae species hic enumeratae verosimiliter postea excludendae et ad alias familias (genus Assimineam, etc.) relegandae erunt, sed deficiente plerorumque animalium cognitione exacta, omnes ab Auctoribus huc relatas pro tempore admisi, indagationibus exactioribus decisionem reservans.

**) *Atropis* (genus Cyclostominarum) *Pease* in Proc. Zool. Soc. 1871. p. 463. 476: „testa oblonga, interdum cylindracea, rare ovata, imperforata vel anguste perforata, unicolor; apertura ovata, fere circularis; perist. simplex, continuum, ad anfr. penultimum adnatum aut disjunctum, interdum vix porrectum; anfr. ultimus saepe ad peripheriam subangulatus. — Animal operculumque gen. *Omphalotropis Pfr.* persimile.“

***) *Scalinella Pease:* „T. scalariformi, anguste perforata; anfr. rotundati, longitudinaliter costati; sutura profunda; perist. subcirculare, continuum, rectum, disjunctum vel haud adnatum, interdum breviter porrectum. — Operculum tenue, corneum, paucispirum.“ — *Pätel* Catal. p. 124: genus Realieorum.

E. Omphalotropis.

1. Peristomate recto.			
a. Sublaevigatae vel striatae,			
α. turritae	§. 7.	Nr.	47—56.
β. ovato-conicae.			
* Anfractu ultimo medio ecarinato .	§. 8.	—	57—84.
** Anfractu ultimo medio carinato . .	§. 9.	—	85—93.
b. Plicatae	§. 10.	—	94—99.
c. Spiraliter sculptae . .	§. 11.	—	100—108.
2. Peristomate expansiusculo .	§. 12.	—	109—118.

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§. 1.

1. Hochstetteri Pfr. (Coll. 1.) III. 170. — *Pease* in Journ. Conch. XVII. 1869. p. 138. — Nova Seelandia.
2. Egea Gray. (Coll. 2.) I. 305. II. 153. III. 170. — *Pease* l. c. p. 138. — *Pätel* Cat. p. 124. — *Liarea Egea Gray.* — *Hydrocena Egea Ad.* — Nova Seelandia.
3. turriculata Pfr. (Coll. 3.) II. 153. III. 170. — *Pease* p. 138. — *Pätel* Cat. p. 124. — *Hydrocena turriculata Ad.* — Nova Seelandia.
4. carinella Pfr. (Coll. 4.) III. 170. — *Pease* p. 138. — Nova Seelandia.

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5. ? ventricosa (Cyclostoma) Jacq. II. 154. III. 171. — *Hydrocena ventricosa Ad.* — *Assiminea ventricosa Mart.* in Ann. and Mag. n. h. 3d. ser. XVII. 1866. p. 206. — *Omphalotropis ventricosa Pease* 1869. p. 138. — *Atropis ventricosa Pease* in Proc. Zool. Soc. 1871. p. 476. — Ins. Marquesas.
6. ? viridescens (Cyclostoma) Pease. † III. 171. — *Blanfordia viridescens Carp.* in Proc. Zool. Soc. 1864. p. 676. — *Martens & Langk.* Don. Bismark. p. 60. t. 3. f. 21. — *Omphalotropis viridescens Pease* 1869. p. 153. — *Atropis viridescens Pease* 1871. p. 476. — *Schmeltz* Mus. God. Cat. V. p. 101. — Ins. Huaheine.
7. ? rubella Pfr. II. 154. III. 171. — *Hydrocena rubella Ad.* — *Omphalotropis rubella Pease* 1869. p. 152. — *Atropis rubella Pease* 1871. p. 476. — Ins. Marquesas.

§. 2.

8. ? Chinensis (Hydrocena) Pfr. (Coll. 5.) II. 155. III. 172. — *Assiminea chinensis Pease* 1869. p. 164. — China.
9. Bridgesi (Hydrocena) Pfr. II. 155. III. 172. — *Hydrocena Bridgesi Bland* in Amer. journ. conch. II. 1866. p. 61. — *Omphalotropis? Bridgesi Pease* 1869. p. 156. — Chile.
10. ? cornea (Hydrocena) Pfr. (Coll. 6.) II. 156. III. 172. — *Assiminea cornea Mart.* in Ann. and Mag. n. h. 3d. ser. XVII. 1866. p. 205; *Pease* 1869. p. 165. — *Assiminea conica var. Pätel* Cat. p. 124. — *Hydrocena cornea Issel* Moll. Born. p. 86. — Borneo.

11. R. marginata (Hydrocena) Morelet. †

„T. subimperforata, globoso-conica, solidula, corneo-rubella vel fulvastra; spira variabilis, apice integra; sutura late et pallide marginata; anfr. 6 convexiusculi, ultimus spiram valde superans, inflatus, subglobulosus; apertura subverticalis, semiovalis; perist. rectum, margine columellari calloso, appresso. — Operculum paucispirum, rufum. — Long. 6—8, diam. 4—$5^1/_3$ mill.“ (M.)

Hydrocena marginata Morel. in Journ. Conch. XIII. 1865. p. 226.

Habitat Siam.

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12. vulpina (Hydrocena) Pfr. (Coll. 7.) II. 156. III. 172. — Fox Islands.
13. ? brevicula (Hydrocena) Pfr. II. 156. III. 172. — *Assiminea brevicula Mart.* 1866. p. 205; *Pease* 1869. p. 163. — Singapore.
14. albescens (Hydrocena) Pfr. (Coll. 8.) II. 157. III. 172. — *Assiminea albescens Mart.* 1866. p. 206. — *Omphalotropis albescens Pease* 1869. p. 153. — *Atropis albescens Pease* 1871. p. 476. — Ins. Rapa s. Opara.
15. Vescoi (Hydrocena) Dohrn. (Coll. 9.) III. 172. — *Martens & Langk.* Don. Bism. p. 58. t. 3. f. 20. — *Omphalotropis Vescoi Pease* 1869. p. 153. — *Atropis Vescoi Pease* 1871. p. 476. — Tahiti.

16 R. coturnix (Hydrocena) Crosse.

„T. perforata, turbinato-conica, tenuis, sublaevigata, cornea, albido minute et obscure guttata; spira conica, subacuta; sutura impressa; anfr. 6 planiusculi, ultimus spiram subaequans, ventrosus; apertura parum obliqua, angulato-ovalis; perist. subcontinuum, simplex, vix incrassatum, marginibus callo (in adultis speciminibus crassiusculo) junctis, columellari subcalloso, expansiusculo. — Long. $5^1/_2$, diam. maj. $4^1/_2$; apert. $2^1/_4$ mill. longa, $1^3/_4$ lata.“ (Cr. — Coll. Nr. 10.)

β. Fasciis longitudinalibus rufis et punctis albidis obscure variegata.

Hydrocena coturnix Crosse in Journ. Conch. XV. 1867. p. 181. t. 7. f. 5.
Omphalotropis coturnix Pease in Journ. Conch. XVII. 1869. p. 149.

Habitat Noumea Novae Caledoniae.

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17. solidula (Hydrocena) Pfr. (Coll. 11.) II. 157. III. 172. — *Assiminea solidula Mart.* 1866. p. 206. — *Omphalotropis solidula Pease* 1869. p. 154. — *Atropis solidula Pease* 1871. p. 476. — Lord Hood's Island.

18. R. caledonica (Hydrocena) Crosse. †

„T. anguste umbilicata, turbinata, subglobosa, solidula, laevigata, nitida, pallide castanea, albido plus minusve maculata; spira subconica, apice obtusulo; sutura impressa; anfr. 5 convexiusculi, ultimus spiram subaequans, valde ventrosus; apertura parum obliqua, angulato-ovalis; perist. subcontinuum, simplex, subincrassatum, albidum, marginibus callo crassiusculo junctis, columellari imprimis ad basin expansiusculo, umbilici partem obtegente, externo attenuato. — Operc. tenue, corneum, paucispirum, luteo-albidum. — Long. vix 4, diam. maj. $3^1/_2$ mill. Apert. 2 mill. longa, $1^2/_3$ lata.“ (C.)

Hydrocena caledonica Crosse in Journ. Conch. XVII. 1869. p. 24. t. 2. f. 4.

Habitat circa Noumea Novae Caledoniae, nec non in insula Nou.

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19. oceanica (Cyclostoma) Hombr. & Jacq. † II. 157 (Hydrocena). III. 172. — *Omphalotropis oceanica Pease* 1869. p. 154. — Ins. Vavao.

20. gutta (Hydrocaena) Shuttl. (Coll. 12.) I. 305 (Realia?). II. 157 (Hydrocena). III. 172. — *Morelet* Moll. terr. Açor. p. 214. — *Mouss.* Canar. p. 147. — *Liarea? gutta Gray.* — *Hydrocena gutta Pätel* Cat. p. 124. — Ins. Canar. et Azor.

21. Noticola (Hydrocena) Bens. † II. 158. III. 172. — *Omphalotropis? Noticola Pease* 1869. p. 155. — Promont. Bonae Spei.

22. R. Hidalgoi (Hydrocena) Gassies. †

„T. imperforata, minima, ovato-conica, acuta, nitida, solidula, laevigata, luteo-rufula; anfractus 5—6 convexi, rapide accrescentes, ultimus $^2/_3$ $^1/_4$ (sic!) longitudinis subaequans; sutura vix canaliculata, alba; spira brevis; apertura ovato-rotundata; peristoma simplex, vix incrassatum, disjunctum, margine columellari incrassato, recto, non truncato in adultis; intus luteo-rufescente, nitente. — Operculum typicum. — Long. 3, diam. 2 mill.“ (G.)

Hydrocena Hidalgoi Gass. in Journ. Conch. XVII. 1869. p. 78.

Habitat in insula Art Novae Caledoniae.

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23. Purchasi (Hydrocena) Pfr. (Coll. 13.) III. 172. — *Pease* 1869. p. 138. — Nova Seelandia.

24. R. insularis (Hydrocena) Crosse.

„T. imperforata, subgloboso-conica, tenuis, haud nitida, sublaevis, striis incrementi fere inconspicuis impressa, luteo-rosea; spira conica apice obtusulo; anfr. 4 convexi, ultimus non descendens, basi subrotundatus, spiram superans; apertura subobliqne semi-ovalis, marginibus disjunctis, convergentibus, columellari incrassato, in loco umbilici subcalloso, basali et externo simplicibus, acutis. — Long. $1^3/_4$—2, diam. max. $1^1/_2$ mill.“ (C. — Coll. Nr. 14.)

Hydrocena insularis Crosse in Journ. Conch. XIII. 1865. p. 223. t. 6. f. 7.
Omphalotropis insularis Pease in Journ. Conch. XVII. 1869. p. 154.
Atropis insularis Pease in Proc. Zool. Soc. 1871. p. 476.

Habitat in insulis Gambier Oceaniae.

25. ? R. nitida (Hydrocena) Pease. †

„H. testa ovata, pyramidali, nitida, laevi, solidiuscula; anfr. 5, convexis, ultimo magno, dimidium longitudinis subaequante; rima umbilicali perforata; suturis impressis, interdum tenuiter marginatis; apertura ovata; perist. simplici, non continuo. — Long. $2^1/_2$, diam. 2 mill.“ (P.)

Hydrocena nitida Pease in Proc. Zool. Soc. 1864. p. 674.
Assiminea nitida Pease in Journ. Conch. XVII. 1869. p. 165.

Habitat in insula Huaheine.

26. R. ovata (Hydrocena) Pease. †

„H. t. conico-ovata, solidiuscula, fusco-cornea, perforata, laevigata; anfr. 5, rotundo-convexis, ultimo duas inter quinque partes longitudinis subaequante, subangulato; suturis bene impressis, vix angulatis; apertura ovata, supra angulata; perist. simplici, continuo, margine columellari adnato, juxta perforationem rugose sulcato et carinato. — Long. 5, diam. 3 mill.“ (P.)

Hydrocena ovata Pease in Proc. Zool. Soc. 1864. p. 674.
Omphalotropis ovata Pease in Journ. Conch. XVII. 1869. p. 148.
— — *„Mss.“ Pätel* Catal. p. 124: Viti Lew. (?)

Habitat in insula Mangier.

27. R. abbreviata Pease. †

„R. t. ovata, solidiuscula, epidermide brunnea induta; anguste umbilicata; longitudinaliter minutissime striata; anfr. 5—6, rotundato-convexis, ultimo subventricoso, sutura bene

impressa; apertura rotundato-ovata, intus aurantiaca; perist. continuo, anfr. penultimo late adnato. — Long. 6, diam. 3 mill." (P.)

Realia abbreviata Pease in Proc. Zool. Soc. 1864. p. 674.
Omphalotropis abbreviata Pease in Journ. Conch. XVII. 1869. p. 674.
Atropis abbreviata Pease in Proc. Zool. Soc. 1871. p. 476.

Habitat in insula Taïti.

§. 3.

28. ? exserta (Hydrocena) Pfr. II. 159. III. 173. — *Assiminea exserta Pease* 1869. p. 164. — Shanghai.

29. obtusa (Hydrocena) Pfr. II. 159. III. 173. — Habitat?

30. oblonga (Hydrocena) Pfr. (Coll. 15.) II. 159. III. 173. — *Omphalotropis oblonga Pease* 1869. p. 154. — *Atropis oblonga Pease* 1871. p. 476. — Ins. Marquesas.

31. **R. Scherzeri (Hydrocena) Zelebor.**

T. perforata, oblongo-turrita, tenuiuscula, leviter striata, fulvo-cornea; spira conica, vertice acutiusculo; anfr. 6 convexi, ultimus $^2/_5$ longitudinis subaequans, rotundatus, antice fortius striatus; apertura verticalis, irregulariter ovalis; perist. continuum, rectum, ad anfr. contiguum breviter adnatum, margine columellari breviter patente. — Long. 6, diam. 3 mill.; apert. $2^1/_3$ mill. longa. (Mus. Vindob.)

Hydrocena Scherzeri Zeleb. mss.; *Pfr. & Zeleb.* in Verh. zool. bot. Ges. Wien. XVII. 1867. p. 807.
Atropis Scherzeri Pease in Proc. Zool. Soc. 1871. p. 476.

Habitat in insula Tahiti.

Obs. Differt ab *H. oblonga Pfr.* testa pellucida, anfractibus convexis, ultimo non angulato, etc.

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32. ? pyramis (Hydrocena) Pfr. II. 160. III. 173. — *Assiminea pyramis Pease* 1869. p. 163. — Singapore.

33. exigua (Cyclostoma) Hombr. & Jacq. † II. 161. III. 173 (Hydrocena). — *Omphalotropis exigua Pease* 1869. p. 154. — *Atropis exigua Pease* 1871. p. 476. — Ins. Mangareva.

34. **R. parvula (Hydrocena) Mousson.** †

„T. vix imperforata, ovato- et elongato-conica, striatula, nitidiuscula, corneo-rufescens, concolor. Spira subconvexo-conica; summo minuto, nec acuto, nec obtuso; sutura lineari, subimpressa. Anfr. 5, convexiusculi, ultimus satis magnus,

ovato-rotundatus, subtus convexus, ad perforationis depressionem arcte rotundatus, nec angulatus. Apertura subverticalis, ovato-piriformis, $^2/_5$ longitudinis aequans, intus cornea. Perist. rectum, acutum, non labiatum; marginibus approximatis, lamina parietali adnata junctis, externo et basali regulariter arcuatis, columellari reflexiusculo, ad insertionem paulo protracto. — Diam. maj. $2^1/_4$, min. 2, altit. $3^1/_3$ mill. — Rat. anfr. 3 : 1. — Rat. apert. 3 : 5.“ (M.)

Hydrocena parvula Mouss. in Journ. Conch. XIII. 1865. p. 184; XXI. 1873. p. 108.

Omphalotropis parvula Pease in Journ. Conch. XVII. p. 155.

Habitat in insula Upolu; ins. Ellice (Gräffe).

35. **? R. pygmaea (Hydrocena) Gassies. †**

„T. imperforata, conica, tenuis, brunneo-rufa, unicolor, nitida, translucida, minutissime striatula; anfr. 5—6 sensim accrescentes, subrotundati; sutura mediocris; anfr. ultimus ventrosus, non carinatus, vix $^2/_3$ longitudinis aequans, umbilico obstructo; apertura ovato-rotundata, parum obliqua; columella fulva, nitida, vix callosa, non continua; peristoma subincrassatum, intus brunneo-nitidum. — Operculum? — Long. $2^1/_2$, diam. $1^1/_2$ mill.“ (G.)

Hydrocena pygmaea Gass. in Journ. Conch. XV. 1867. p. 63.

Assiminea pygmaea Pease in Journ. Conch. XVII. 1869. p. 165.

Habitat in insula Art Novae Caledoniae (Montrouzier).

36. **R. Crosseana (Hydrocena) Gassies. †**

„T. perforata, ovato-conica, turbinata, translucida, solidula, subtilissime longitudinaliter striatula, flavidulo- vel rubello-cornea; spira conico-pyramidata, acutiuscula; anfractus $5^1/_2$ convexi, subscalares, sutura profunda separati, ultimus ventrosus, basi circa perforationem profundam obtuse carinatus; spira mediocriter elongata; apertura rotunda; peristoma simplex, rectum, marginibus callo tenui junctis, columellari incrassato, brevissime reflexiusculo. — Operculum? — Long. 3, diam. 2 mill. Apert. 1 mill. longa, 1 lata.“ (G.)

Hydrocena Crosseana Gass. in Journ. Conch. XVII. 1869. p. 77.

Habitat in insula Art Novae Caledoniae (Montrouzier).

37. **R. rubra (Hydrocena) Gassies. †**

„Testa perforata, ovato-conica, turbinata, translucida, solida, subtilissime transversim striatula, rubello-cornea; spira

conico-pyramidata, acutiuscula; anfractus 6 convexi, subscalares, ultimus ventrosus, basi circa perforationem profundam, obtuse carinatus; sutura vix profunda; apertura rotunda; peristoma simplex, continuum, intus vix callosum, rectum, marginibus callo tenui junctis, columellari incrassato, brevissime reflexo. — Operculum corneum, tenue, nitidum. — Long. 7, diam. 5; apert. 3 mill. longa, 3 lata.“ (G.)

Hydrocena rubra Gass. in Journ. Conch. XXII. 1874. p. 214.

Habitat „Baie du Sud“ Novae Caledoniae (Lambert).

Obs. „Aliquantulum similis *H. Crosseanae*, sed major, colore interno, peristomate continuo, subanguloso et basi latiore discrepans.“

38. R. brevissima (Hydrocena) Mousson. †

„T. minuta, semiperforata, late conico-ovata, tenuis, pellucida, nitida, pallide rufo-cornea. Spira late conica; summo parvo; sutura simplice, profunda. Anfr. $3^1/_2$, celeriter accrescentes, convexi; ultimus non ascendens, subinflatus, subtus bene rotundatus, ad regionem umbilicarem impressus. Apertura parvula, subverticalis, late semiovalis. Perist. rectum, obtusulum; marginibus lamina tenuissima, adnata junctis; dextro et basali circulariter curvatis; columellari reflexiusculo, appresso. — Long. 1,2, diam. 0,9 mill. — Rat. anfr. 5:2. — Rat. apert. 4:3.“ (M.)

Hydrocena brevissima Mouss. in Journ. Conch. XVIII. 1870. p. 194.

Habitat Lomma-Lomma, Vanua-Valabo insularum Feejee (Gräffe).

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Obs. Excludatur ex hac sectione (praeter *Cyclostoma minutissimum Sow.*) et imo e Cyclostomaceorum (terrestrium) familia: *Cyclostoma Cattaroense Pfr.* (= *Paludina Sirkii Parr.* olim.; *Hydrocena Sirkii Parr.*, *Cattaroëensis Pfr.* Pneum. II. 160. III. 173, *cattaroënsis* et *Sirkii Pätel* Cat. p. 124; *Realia cattaroensis Gray*; *Hydrocaena Cattaroënsis Küst.*; *Hydrocena Syrkii Walderd.* Syst. Verz. Catt. p. 9) e Dalmatia.

§. 4.

39. ? lirata (Hydrocena) Morelet. III. 173. — *Assiminea lirata Mart.* 1866. p. 205; *Pease* 1869. p. 163. — Cochinchina.

40. R. Raiateensis (Hydrocena) Mousson. †

„T. perforata, convexe conico-turrita, transverse obsoletissime spiraliter striatula, pallide cornea. Spira regularis, supra conica; summo obtusulo; sutura linearis, incisa. Anfr.

$7^1/_2$, primi magis, sequentes minus convexi, ultimus planulatus, infra distincte angulatus, ad basin convexiusculus, ad perforationem apertam arcte rotundatus. Apertura verticalis, $^2/_7$ altitudinis aequans, pene circularis. Perist. supra minus, deinde magis expansum, ad basin arcuatim paulo productum; marginibus convergentibus, callo nitido junctis; dextro et basali regulariter curvatis; columellari crassiusculo, versus perforationem breviter reflexo. — Altit. 8, diam. 3,1 mill. — Rat. anfr. 3:1. — Rat. apert. 1:1.“ (M.)

Hydrocena Raiateensis Mouss. in Journ. Conch. XVII. 1869. p. 67. t. 5. f. 5.

Habitat Raiatea insularum Societatis (Garrett).

Obs. *Pease* (Proc. Zool. Soc. 1871. p. 476) speciem ad *Atropidem productam Ps.* refert. Conf. *R. elongata Pease.*

§. 5.

41. barbata (Cyclostoma) Gould. III. 174 (Hydrocena). — *Japonia barbata Gould, Pease* 1869. p. 159. — Conf. *Martens* Ostas. Zool. II. p. 12. — Ousima Japoniae.
42. citharella (Cyclostoma) Gould. † III. 174 (Hydrocena). — *Japonia citharella Gould, Pease* 1869. p. 159. — Ousima Japoniae.
43. musiva (Cyclostoma) Gould. † III. 174 (Hydrocena). — *Japonia musiva Gould, Pease* 1869. p. 159. — Conf. *Cyclophorus halophilus Bens.* (p. 112.) — Japonia?

§. 6.

44. **R. costata Pease.** †

„T. ovato-turrita, umbilicata, longitudinaliter costata, costis ad anfr. ultimum obsoletis; anfr. 6, rotundatis, suturis profundis; perist. continuo, vix everso, anfr. penultimo disjuncto; apertura rotundato-ovata, intus aurantia; albida vel dilute cornea. — Long. 6, diam. $3^1/_2$ mill.“ (P.)

Realia costata (Scalinella) *Harper Pease* in Amer. journ. conch. III. 1867. p. 225.

Scalinella costata Pease Journ. Conch. XVII. 1869. p. 158. t. 7. f. 2.

— — *Schmeltz* in Mus. Godeffr. cat. V. p. 102.

Habitat in insula Tahaa Polynesiae.

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45. Tahitensis (Cyclostoma) Pease. † III. 173 (Hydrocena?). — *Scalinella Tahitensis Pease* in Journ. Conch. 1869. p. 58. t. 7. f. 1. — *Mart. & Langk.* Don. Bism. p. 59. t. 4. f. 3. — *Schmeltz* in Mus. Godeffr. cat. V. p. 102. — Huaheine.

46. R. scalariformis Pease. †

„T. turrito-oblonga, fulvo-cornea, longitudinaliter costata, costis numerosis, interstitiis concavis, sub lente longitudinaliter tenuissime striatis; spira acuta; anfr. 6, convexo-rotundatis, ultimo $^2/_7$ longitudinis subaequante, basi rotundato; sutura valde impressa; apertura rotundato-ovata; perist. continuo, anfr. penultimo adnato. — Long. $3^1/_2$, diam. $1^1/_2$ mill.“ (P.)

Realia scalariformis Harper Pease in Amer. journ. conch. I. 1865. p. 288; II. t. 5. f. 3.

Scalinella scalariformis Pease in Journ. Conch. XVII. 1869. p. 159.

— — *Mart. & Langk.* Don. Bismark. p. 59.

— — *Schmeltz* iu Mus. Godeffr. Cat. V. p. 102.

Garrettia scalariformis „Pease“ Pätel Catal. p. 124.

Habitat „Oulan Island“, ins. Atiu Polynesiae.

§. 7.

47. hieroglyphica (Helix) Fér. (Coll. 16.) I. 306 (Omphalotropis). II. 161. III. 175. — *Bulimus hieroglyphicus Pot. & Mich.* — *Cyclostoma hieroglyphicum Pfr.* — *Hydrocena? hieroglyphica Pfr.* — *Omphalotropis hieroglyphica Pease* 1869. p. 140. — Habitat?
48. ? pupoides (Bulimus) Anton. (Coll. 17.) I. 307 (Omphalotropis). II. 162. III. 175. — *Hydrocena oparica, pupoides Pfr.* — *Assiminea pupoides Pease* 1869. p. 175. — Ins. Opara.
49. Boraborensis (Omphalotropis) Dohrn. (Coll. 18.) III. 175 (Omphalotropis). — *Omphalotropis Boraborensis Pease* 1869. p. 151. — *Atropis bolabolensis Pease* 1871. p. 476. — Ins. Borabora, Raiatea.
50. terebralis (Cyclostoma) Gould. † I. 307 (Omphalotropis). II. 162 (Hydrocena). III. 176. — *Omphalotropis terebralis Pease* 1869. p. 151. — *Atropis terebralis Pease* 1871. p. 476. — *Schmeltz* in Mus. God. cat. V. p. 102. — Ins. Tahiti et Eimeo.

51. R. producta Pease. †

„R. t. oblonga, solida, imperforata, sordide flavida seu corneo-fulva; anfr. 7, planiusculis, transversim obsolete striatis, striis incrementi obsolete insculptis, ultimo infra medium angulato; spira plano-convexa, sutura impressa, interdum ad margines angulata et infra marginata; apertura parum obliqua, angulato-ovali; perist. vix reflexo, continuo, simplici; margine columellari subappresso. — Long. $7^1/_2$, diam. 3 mill.“ (P.)

Realia producta Pease in Proc. Zool. Soc. 1864. p. 673.

Omphalotropis producta Pease in Journ. Conch. XVII. 1869. p. 151.

Atropis producta Pease in Proc. Zool. Soc. 1871. p. 476.

Habitat in insula australica „Tahaa“. Conf. *R. raiateensis Mouss.* Nr. 40.

52. R. elongata Pease. †

„T. elongata, turrita, solida, umbilicata; anfr. 7, convexis, ad margines vix rotundato-angulatis; circum umbilicum rotundata; suturis valde impressis; spira elevata, acuta; apertura rotundato-ovata, intus crocea vel aurantia; perist. continuo, vix everso, anfr. penultimo adnato; albida aut pallide rosacea. — Long. $10^1/_2$, diam. 4 mill.“ (P.)

Realia elongata Harper Pease in Amer. journ. conch. III. 1867. p. 225.
Omphalotropis elongata Pease Journ. Conch. XVII. 1869. p. 152. t. 7. f. 4.
Atropis elongata Pease in Proc. Zool. Soc. 1871. p. 476.
— — *Schmeltz* in Mus. God. cat. V. p. 101. (Synon. *Hydrocena Raiateensis Mouss.*)

Habitat in insula Raiatea Polynesiae.

53. R. affinis Pease. †

„T. oblongo-ovata, solida, pallide straminea, compresse umbilicata, longitudinaliter indistincte plicato-costata, costis confertis subobliquis; anfr. 5, convexo-rotundatis, ultimo $^1/_3$ longitudinis subaequante, basi rotundato, sutura bene impressa; apertura ovata, vix obliqua; perist. continuo, anfr. penultimo adnato, columellari subreflexo. — Long. 3, diam. $1^1/_4$ mill.“ (P.)

Realia affinis Harper Pease in Amer. journ. conch. I. 1865. p. 288; II. t. 5. f. 4.
Omphalotropis affinis Pease in Journ. Conch. XVII. 1869. p. 152.
Atropis affinis Pease in Proc. Zool. Soc. 1871. p. 476.
Scalinella affinis Martens & Langk. Don. Bismark. p. 59.
— — *Pätel* Catal. p. 124.
— — *Schmeltz* in Mus Godeffr. Cat. V. p. 102.

Habitat „Hervey Isles“ Polynesiae.

54. R. bilirata (Omphalotropis) Mousson. †

„T. perforata, conico-elongata, pallide carnea, obscure rufo-fulgurata, laevigata, nitidiuscula. Spira acute conica, regularis, summo minuto, acutulo; sutura incisa, supra filomarginata. Anfr. 6, planiusculi, subclathratuli; ultimus non descendens, angulosus, liris acutis duabus, una in angulo dorsali, altera ad perforationem apertam ornatus, subtus plano-convexus. Apertura verticalis, rotundato-piriformis, $^1/_3$ longitudinis aequans. Perist. rectum, subacutum, vix paulo labiatum; marginibus approximatis, lamina distincta junctis,

externo semi-circulari, columellari vix reflexiusculo. — Diam. maj. $3^1/_2$, min. 3, altit. $5^1/_2$ mill. — Rat. anfr. 8:3. — Rat. apert. 1:1." (M.)

Omphalotropis bilirata Mouss. in Journ. Conch. XIII. 1865. p. 184. t. 14. f. 13; XVII. 1869. p. 354 (var. elongata).
— — *Pease* in Journ. Conch. XVII. 1869. p. 146.

Habitat in insula Upolu (Gräffe), var. Savai.

55. R. subsoluta Mousson. †

„T. perforata, obtuse turrita, striatula, denudata, pallide cornea. Spira convexiusculo-conica; summo obtusulo, parvulo; sutura fortiter incisa. Anfr. $7^1/_2$ lente accrescentes, ad suturam magis, medio minus convexi; ultimus non ascendens, semisolutus, infra carina filiformi, basin aeque dividente, praeditus. Apertura verticalis, $^1/_5$ altit. subaequans, oblique ovata, obtuse biangulata. Perist. rectum, integrum; marginibus lamina tenui, soluta junctis; dextro circulariter arcuato, subpatulo; basali et columellari reflexiusculis. — Long. 10, diam. 4 mill. — Rat. anfr. 5:1. — Rat. apert. 1:1." (M.)

Realia subsoluta (Omphalotropis) *Mouss.* in Journ. Conch. XVIII. 1870. p. 192. t. 7. f. 12.

Habitat Oneata insularum Feejee (Gräffe).

56. R. nebulosa (Omphalotropis) Pease. †

„T. perforata, elongato-conica, laevigata, indistincte transversim tenuistriata, epidermide tenui induta, sordide fulva, rufescente fusco nebulosa, interdum irregulariter late strigata, anfractu ultimo plerumque fusco bifasciato; sutura bene impressa; anfr. 7, convexiusculi, ultimus rotundatus, circa umbilicum carinato-angulatus, albus; apertura fere verticalis, late pyriformis; perist. marginibus callo tenui junctis; columella arcuata. — Long. 10, diam. 5 mill." (P.)

Omphalotropis nebulosa Harper Pease in Amer. journ. conch. VII. 1872. p. 197.

Habitat in insulis Salomonis.

§. 8.

57. rosea (Cyclostoma) Gould. † I. 308 (Omphalotropis). II. 162 (Hydrocena). III. 176. — *Realia rosea Gray, Mouss.* in Journ. Conch. XVIII. 1870. p. 192. (*Omphalotropis bithyniaeformis Mouss.* mss. antea.) — *Assiminea rosea Mart.* 1866. p. 206. — *Omphalotropis rosea Pease* 1869. p. 147. — Ins. Feejee.

58. scitula (Cyclostoma) Gould. † I. 308 (Omphalotropis). II. 162 (Hydrocena). III. 176. — *Omphalotropis scitula Pease* 1869. p. 155. — *Atropis scitula Pease* 1871. p. 476. — *Schmeltz* in Mus. God. cat. V. p. 102. — Tahiti.
59. bulimoides (Cyclostoma) Hombr. & Jacq. (Coll. 19.) II. 162 (Hydrocena). III. 176 (Omphalotropis). — *Assiminea bulimoides Mart.* 1866. p. 206. — *Omphalotropis bulimoides Pease* 1869. p. 144. — Ins. Salomonis.
60. fragilis (Hydrocena) Pease. † III. 253. — *Omphalotropis fragilis Pease* 1869. p. 145. — Ins. Ebon.

61. R. Moreleti (Cyclostoma) Deshayes. †

„C. testa elongato-conica, longitudinaliter striatula, basi obtusa, umbilicata, alba, rubente-fusco tenue variegata, vel puncticulata, ad peripheriam castaneo-unizonata; spira elongata, conica, apice acuta; anfractibus septenis, angustis, lente crescentibus, vix convexiusculis, sutura lineari, fusca conjunctis; ultimo anfractu breviusculo, umbilico angulo stricte circumdato, intus castaneo tincto; apertura ovato-subcirculari; peristomate simplici, obtusiusculo. — Long. 6, diam. 4 mill.“ (D.)

Cyclostoma Moreleti (Hydrocaena) *Desh.* Cat. moll. île Réunion 1863. p. 84. t. 10. f. 7. 8.
Omphalotropis Moreleti Pease in Journ. Conch. XVII. 1869. p. 142.
— *rubens var. G. Nevill* in Journ. As. Soc. Beng. XXXIX. Pt. 2. 1870. p. 415.

Habitat in insula Bourbon.

Obs. „Affinis *O. rubenti*, sed minor, elongata, etc.“

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62. ? maculata (Omphalotropis) Martens. † III. 176 (Omphalotropis). — *Assiminea maculata Mart.* in Malak. Bl. 1863. p. 120. (= *Assiminea carinata Lea*, *Mart.* 1866. p. 203; *Pease* 1869. p. 163.) — *Omphalotropis carinata Issel* Moll. Born. p. 84. — Siam, Borneo.
63. ? fasciolata (Hydrocena) Morelet. † III. 176 (Omphalotropis). = praeced. *Mart.* 1866. p. 203; *Pease* 1869. p. 163. — Siam, Cochinchina.
64. ? fulvida (Hydrocena) Pfr. III. 177 (Omphalotropis). = praeced. *Mart.* 1866. p. 203; *Pease* 1869. p. 163. — Siam.

65. R. costellata (Omphalotropis) H. Adams. †

„O. testa umbilicata, ovato-conica, tenuiuscula, spiraliter costulis filiformibus subdistantibus, circa umbilicum remotioribus, superne fere obsoletis munita, pallide carnea versus apicem rubida, strigis fulguratis rufis picta; spira conica, apice acutiuscula, sutura profunda; anfr. 7, convexiusculis, ultimo

rotundato, in umbilico liris aequalibus munito; apertura subverticali, ovali; perist. recto, acuto, marginibus callo tenui junctis, columellari subincrassato, expansiusculo. — Long. 10, diam. 7 mill.; apert. 6 mill. longa.“ (A.)

Omphalotropis costellata H. Adams in Proc. Zool. Soc. 1867. p. 306. t. 19. f. 12.

Habitat „Pouce“ Mountain“ insulae Mauritii.

66. R. picturata (Omphalotropis) H. Adams. †

„O. testa perforata, ovato-conica, oblique confertim striatula, corneo-rufa, maculis et strigis albis notata; spira conica, apice acuminata, sutura submarginata et crenulata; anfr. 6, convexiusculis, ultimo rotundato; apertura subverticali, oblongo-ovata; perist. simplici, margine dextro recto, columellari vix expansiusculo. — Long. 6, diam. 3 mill.; apert. 2 mill. longa.“ (A.)

Omphalotropis picturata H. Adams in Proc. Zool. Soc. 1867. p. 306. t. 19. f. 13.

— — *G. Nevill* in Journ. As. Soc. Beng. XXXIX. Pt. 2. 1870. p. 416.

Habitat „Pouce Mountain“ insulae Mauritii, et in insula Bourbon.

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67. erosa (Cyclostoma) Quoy & Gaim. † I. 310 (Omphalotropis). II. 163 (Hydrocena). III. 177. — *Omphalotropis erosa Pease* 1869. p. 144. — Guam.

68. ? dubia (Cyclostoma) Pfr. (Coll. 20.) I. 310 (Omphalotropis). II. 163 (Hydrocena). III. 177. — *Assiminea dubia Mart.* 1866. p. 206; *Pease* 1869. p. 166. — *Omphalotropis dubia Pätel* Cat. p. 124. — Ins. Opara.

69. Huaheinensis (Hydrocena) Pfr. (Coll. 21.) II. 163. III. 177 Omphalotropis). — *Mart. & Langk.* Don. Bism. p. 58. t. 3. f. 17. — *Assiminea Huaheinensis Mart.* 1866. p. 206. — *Omphalotropis Huaheinensis Pease* in Journ. Conch. 1869. p. 148. t. 7. f. 9. 9a et *O. robusta Pease* ibid. t. 7. f. 3; *Schmeltz* in Mus. God. cat. V. p. 208: Raiatea. — — Ins. Huaheine.

70. ? radiata (Hydrocena) Pfr. (Coll. 22.) II. 163. III. 177 (Omphalotropis). — *Assiminea radiata Mart.* 1866. p. 205; *Pease* 1869. p. 165. — *Omphalotropis radiata Issel* Moll. Born. p. 83. — Borneo.

71. globosa (Cyclostoma) Bens. (Coll. 23.) I. 311 (Omphalotropis). II. 164 (Hydrocena). III. 177. — *Omphalotropis globosa Pease* 1869. p. 141. — Ins. Mauritius.

72. malleata (Hydrocena) Pfr. (Coll. 24.) II. 164. III. 177 (Omphalotropis). — *Omphalotropis malleata Cox* Mon. Austr. landsh. p. 104. — *Pease* 1869. p. 149. — Australia.

73. ? glabrata (Hydrocena) Pfr. (Coll. 25.) II. 164. III. 177 (Omphalotropis). — *Assiminea glabrata Mart.* 1866. p. 205; *Pease* 1869. p. 165. — *Omphalotropis glabrata Pätel* Cat. p. 124. — *Issel* Moll. Born. p. 83. — Borneo.

74. ? maritima (Hydrocena) Montrouz. (Coll. 26.) III. 177 (Omphalotropis). — *Assiminea maritima Mart.* 1866. p. 206; *Pease* 1869. p. 165. — Nova Caledonia.
75. granum (Hydrocena) Pfr. (Coll. 27.) II. 165. III. 177 (Omphalotropis). — *Omphalotropis granum Pease* 1869. p. 149. — *Pätel* Cat. p. 124: Opara. — Ins. Oceani austr.
76. ? cerea (Hydrocena) Pfr. II. 165. III. 177 (Omphalotropis). — *Assiminea cerea Pease* 1869. p. 165. — *Omphalotropis cerea Pätel* Cat. p. 124. — Ins. Norfolk.
77. stricta (Omphalotropis) Gould. † III. 178. — *Omphalotropis stricta Pease* 1869. p. 143. 148. — Ins. Loo Choo.

78. R. perforata (Omphalotropis) Mousson. †

„T. rimata, conico-ovata, tenuis, laevigata, lardeo-nitida, rubra, lineolis angulatis albis, interdum linea peripherica alba picta. Spira subconvexo-conica, regularis; summo minuto, acutiusculo; sutura subimpressa, infra submarginata. Anfr. 6, subceleriter accrescentes, convexiusculi, supra arcte tabulati; ultimus non descendens, elongato-rotundatus, subtus ad rimam angustam filo cinctus. Apertura subverticalis, $^3/_7$ longitudinis aequans, late piriformis, intus rubra. Perist. rectum, subacutum, intus tenuiter labiatum, margine externo circulari, columellari fortiori, ad rimam reflexiusculo, appressulo. — Diam. maj. $4^2/_3$, min. 4, altit. 7 mill. — Rat. anfr. 3:1. — Rat. apert. 2:3.“ (M.)

Omphalotropis perforata Mouss. in Journ. Conch. XIII. 1865. p. 182. t. 14. f. 12; XIX. 1871. p. 27. (An var. *O. zebriolatae?*)
— — *Pease* in Journ. Conch. XVII. 1869. p. 145.
— — *Pätel* Catal. p. 124.

Habitat Uvea (Gräffe).

79. R. conoidea (Omphalotropis) Mousson. †

„T. perforata, conico-ovata, subcrassiuscula, striata, epidermide subdestituta, punctis et lineis fulguratis saepe reticulatis malleata. Spira late conoidea, regularis; summo minuto, acutulo; sutura incisa, non marginata. Apertura subverticalis, $^1/_2$ longitudinis subaequans, ovata, griseo-alba. Anfr. $6^1/_2$ celeriter accrescentes, fere planiusculi, ultimus magnus, ovato-rotundatus, subtus perforationem filo obtusulo arcte cingens. Perist. rectum, acutum, intus tenuiter labiatum; marginibus distantibus, externo circulari, columellari appresso, infra crassiori, supra in laminam callosam parietis transeunte. — Diam. maj. 5, min. $4^1/_2$, altit. 7 mill. — Rat. anfr. 5:2. — Rat. apert. 3:4.“ (M.)

Omphalotropis conoidea Mouss. in Journ. Conch. XIII. 1865. p. 182; XVII. 1869. p. 352.
— — *Pease* in Journ. Conch. XVII. 1869. p. 146.
— — *Pätel* Catal. p. 124.

Habitat in insula Upolu (Gräffe).

80. R. taeniata (Omphalotropis) Crosse. †

„T. perforata, oblongo-conica, tenuiuscula, parum nitens, sublaevis, ad suturam spiraliter bisulcata, albida, zona fusca cingulata; spira subelongato-conica, apice subacute rotundato; sutura profunde impressa; anfr. 6 planiusculi, embryonales primi $2^1/_2$ laevigati, cornei, ultimus ad suturam spiraliter trisulcatus, paulo infra peripheriam fusco cingulatus, spiram subaequans, basi rotundatus; apertura vix obliqua, angulato-ovata, intus albida, zona anfractus ultimi transmeante; perist. simplex, albidum, marginibus callo tenui, parum conspicuo junctis, columellari expansiusculo, basali et externo subacutis; umbilicus carina funiculiformi, albida circumscriptus. — Operc.? — Long. 6, diam. maj. $3^2/_3$ mill.“ (Cr.)

Omphalotropis taeniata Crosse in Journ. Conch. XXI. 1873. p. 142; XXII. 1874. p. 237. t. 8. f. 12.

Habitat in insula Rodriguez (Desmazures).

81. R. Hameliana (Omphalotropis) Crosse. †

„T. perforata, elongato-conica, tenuiuscula, parum nitens, transversim tenuissime striata, sordide albida, pallide fusco variegata; spira elongato-conica, apice obtusulo; sutura marginata; anfr. 6 vix convexiusculi, embryonales primi 2 laevigati, cornei, ultimus spira paulo minor, infra peripheriam zona alba fusco circumdata cingulatus, basi rotundatus, striis ad occursum marginis externi evanidis; apertura subverticalis, angulato-ovata, intus luteo-albida, zona anfractus ultimi transmeante; perist. simplex, luteo-albidum, marginibus callo tenui junctis, columellari expansiusculo, basali et externo subacutis; umbilicus carina parum prominula, luteo-albida circumscriptus. — Operc.? — Long. $6^1/_2$, diam. maj. $3^1/_2$ mill.“ (Cr.)

Omphalotropis Hameliana Crosse in Journ. Conch. XXI. 1873. p. 143; XXII. 1874. p. 239. t. 8. f. 11.

Habitat in insula Rodriguez (Desmazures).

Obs. „Species *Omph. littorinulae Crossei* affinis, sed striis spiralibus tenuissimis, ad occursum marginis dextri evanidis, et zona anfractus ultimi distincta.“

82. **R. Moussoni (Omphalotropis) Pease.** †

„T. perforata, ventricoso-ovata, striatula, flavido-cornea, interdum zonis duabus vix perspicuis circumdata. Spira convexo-conoidea, celeriter accrescens; summo minuto, obtusulo; sutura impressa. Anfr. $5^1/_2$ subinflati, supra breviter tabulati; ultimus rotundatus, juxta perforationem arcte angulatus, subfilaris. Apertura subverticalis, circulari-piriformis, parvula, $^2/_5$ longitudinis subaequans, corneo-flavescens. Perist. acutum, rectum, intus labiatum; marginibus lamella tenui junctis, basali et columellari expansiusculis. — Diam. maj. $3^1/_2$, min. 3, alt. $5^1/_4$ mill. — Rat. anfr. 3:1. — Rat. apert. 4:5.“ (M.)

Omphalotropis ovata Mouss. in Journ. Conch. XIII. 1865. p. 198. t. 14. f. 10. (Non *Pease* 1864.)
— *Moussoni Pease* in Journ. Conch. XVII. 1869. p. 147.
Realia Moussoni Mouss. in Journ. Conch. XVIII. 1870. p. 194.
— — (Omphalotropis) *Mouss.* in Journ. Conch. XIX. 1871. p. 27.

Habitat Lomma-Lomma insularum Viti (Gräffe).

83. **R. parva (Omphalotropis) Mousson.** †

„T. perforata, elongate ovato-conica, striatula, laevigata, pallide cornea. Spira convexo-conica, regularis; summo obtusiusculo, corneo-violaceo; sutura impressa. Anfr. $5^1/_2$, convexiusculi, arctissime tabulati; ultimus non descendens, ovato-rotundatus, ad basin convexiusculus, ad perforationem filoso-angulatus. Apertura subverticalis, parvula, circulari-piriformis, $^1/_3$ longitudinis aequans. Perist. rectum, acutum, intus albo labiatum; marginibus lamina parietali brevi junctis; externo semicirculari, columellari subreflexo. — Diam. maj. $2^1/_2$, min. 2, altit. $4^1/_2$ mill. — Rat. anfr. 3:1. — Rat. apert. 4:5.“ (M.)

Omphalotropis parva Mouss. in Journ. Conch. XIII. 1865. p. 199; XXI. 1873. p. 108.
— — *Pease* in Journ. Conch. XVII. 1869. p. 147.
— — *Pätel* Catal. p. 124.
Realia laevis Baird in Brenchl. Cruise of Curaçoa. (Mus. God. cat. V. p. 101.)

Habitat Lomma-Lomma insularum Viti; ins. Ellice (Gräffe).

84. **R. ochrostoma Pease.** †

„T. ovata, solida, glabra, flavida vel pallide rosea, vix perforata; anfr. 5, convexo-rotundatis, ultimo spira paulo breviore, sutura bene impressa; apertura oblique ovata, intus lutea; perist. continuo, anfr. penultimo adnato; sutura umbilicaris parva, angusta. — Long. 5, diam. $2^1/_2$ mill.“ (P.)

Realia ochrostoma Harper Pease in *Tryon* Amer. journ. conch. I. 1865. p. 287; II. t. 5. f. 1.
— — *Martens & Langk.* Don. Bismark. p. 59. t. 3. f. 19.
Omphalotropis ochrostoma Pease in Journ. Conch. XVII. 1869. p. 147.
— *ochroleuca „Pease“ Pätel* Catal. p. 124. (?)
Atropis ochrostoma Pease in Proc. Zool. Soc. 1871. p. 476.
Hydrocena ochrostoma Pätel Catal. p. 124.

Habitat „Hervey Isles“ Polynesiae.

§ 9.

85. vallata (Cyclostoma) Gould. † I. 308 (Omphalotropis). II. 162 (Hydrocena). III. 178. — *Omphalotropis vallata Pease* 1869. p. 146. — *Realia vallata Gray*, (Omphalotropis) *Mouss.* in Journ. Conch. XIX. 1871. p. 28: Hapai, Vavao, cum var. *imperfecta* *). — *Realia* (Omphalotropis) *bicarinata* et *Vavauensis Baird* in Brenchl. Cruise of Curaçoa. (*Schmeltz* in Mus. God. cat. V. p. 100.) — Ins. Tonga Tabou.

86. exquisita (Hydrocena) Pfr. (Coll. 28.) II. 162. III. 178 (Omphalotropis). — *Omphalotropis exquisita Pease* 1869. p. 150. — Ins. Oceani austr.

87. distermina (Omphalotropis) Bens. † III. 178 (Omphalotropis). — *Bens.* in Ann. and Mag. n. h. 3d. ser. XII. 1863. p. 124. — *Omphalotropis distermina Pease* 1869. p. 142. — Ins. Andaman.

88. R. zebriolata (Omphalotropis) Mousson. †

„T. rimato-perforata, conico-ovata, crassiuscula, sublaevigata, pallide lutea, saepe fusculo fulgurata. Spira convexoconica, regularis; summo parvo, acutulo; sutura subincisa, infra obtuse marginata. Anfr. $6^1/_2$, planiusculi; ultimus non descendens, in peripheria angulato-rotundatus, subtus rimam elongatam filo obtuso cingens. Apertura fere verticalis, $^2/_5$ longitudinis aequans, pliciformis, lutea. Perist. rectum, obtusum, intus incrassatum, marginibus disjunctis, lamina callosa interposita; externo arcuato, basali et columellari perincrassatis, hoc appresso, rimam semitegente. — Diam. maj. $3^1/_4$, min. $2^2/_3$, altit. $7^1/_2$ mill. — Rat. anfr. 3:1. — Rat. apert. 2:3.“ (M.)

Omphalotropis zebriolata Mouss. in Journ. Conch. XIII. 1865. p. 181. t. 14. f. 11; XXI. 1873. p. 108.
— — *Pease* in Journ. Conch. XVII. 1869. p. 145.
— — *Pätel* Catal. p. 124.
Realia zebriolata (*Omphalotropis*) *Mouss.* in Journ. Conch. XIX. 1871. p. 27.

Habitat Nucuiona, Uvea; ins. Ellice (Gräffe).

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*) Var. *imperfecta:* minor (3,5—4 mill.), tenuis, translucida, anfractibus subrotundatis, carinis evanescentibus. — Hapai.

89. R. turbinata (Hydrocena) Morelet. †

„T. parvula, imperforata, ovato-conica, tenuis, glabra, nitidula, cerea, fulva; spira exserta, acutiuscula; sutura nigro marginata; anfr. 5, supremi plani, ultimus ventrosus, subangulatus, carina filari periomphalum cingente et aperturam paulo superante munitus; apertura subsemilunaris; perist. rectum, margine columellari calloso, appresso. — Long. 3, diam. fere 2 mill." (M.)

Hydrocena turbinata Morel. in Journ. Conch. XIII. 1865. p. 226.

Habitat in Cochinchina.

90. R. Pfeifferi (Omphalotropis) Crosse. †

„T. umbilicata, ovato-conica, tenuiuscula, obsoletissime striatula, haud nitens, corneo-rubra; spira conica, acutiuscula; sutura impressa; anfr. 6 vix convexiusculi, anfr. $1^1/_2$ embryonales laeves, nitiduli, ultimus non descendens, spiram vix superans, carinis 2 instructus, altera peripherica, filiformi, altera basali, albida; apertura subverticalis, ovalis, basi subeffusa, intus concolor; perist. simplex, acutum, marginibus callo tenui junctis, columellari brevissime reflexiusculo, medio extus subemarginato, externo recto. — Operculum? — Long. $7^1/_2$, diam. 5 mill. Apert. $3^1/_4$ mill. longa." (C.)

Omphalotropis Pfeifferi Crosse in Journ. Conch. XVI. 1868. p. 178; XVII. 1869. p. 396. t. 12. f. 7.
— — *Pease* in Journ. Conch. XVII. 1869. p. 151.

Habitat in insula „Lord Howe" Novarum Hebridarum (B. Wright).

91. R. rudis (Omphalotropis) Martens. †

„Testa conico-turrita, latiuscule perforata, solida, oblique striatula, peripheria anfr. superiorum distincte, in ultimo leviter angulata, carina valida circa perforationem munita, carneoflava, ad suturam pallidior; anfr. $6^1/_2$, planiusculi, sutura sat profunda, ultimus haud descendens; apertura parum obliqua, piriformis, superne acute angulata; peristoma rectum, at extus incrassatum, marginibus callo conspicuo junctis, columellari infra perforationem leviter dilatato. — Long. 8, diam. maj. 5, min. $4^1/_3$; apert. lat. 3, alt. 4 mill." (v. M.)

Omphalotropis rudis Mart. Ostas. Zool. II. p. 161. t. 4. f. 14.

Habitat in insula Ceram.

92. R. variabilis Pease. †

„T. ovato-conica, glabra, solidiuscula, vix perforata, albida vel pallide lutea aut rosea; anfr. 5, convexis, ultimo ad peripheriam subcarinato, carina albida; sutura valde impressa, interdum angulata; apertura parum obliqua, ovata, intus pallida; perist. continuo, anfr. penultimo adnato; sutura umbilicaris filo-carinata. — Long. 5, diam. 2 mill.“ (P.)

Realia variabilis Harper Pease in *Tryon* Amer. journ. conch. I. 1865. p. 288; II. t. 5. f. 2.

— — *Mart. & Langk.* Don. Bism. p. 59. t. 3. f. 18.

Omphalotropis variabilis Pease in Journ. Conch. XVII. 1869. p. 148.

— — *Pätel* Catal. p. 124.

Habitat „Hervey Isles“ Polynesiae, et in Archipelago Tongano. (Pease in Amer. journ. conch. VII. p. 197.)

93. R. laevis Pease. †

„T. conico-ovata, solidiuscula, laevis, fusco-cornea, anguste umbilicata; anfr. 5, convexis, transversim sub lente minutissime striatis, ultimo 1/2 longitudinis testae subaequante, subventricoso, ad peripheriam obsolete angulato, fascia pallide straminea cingulato; apertura elongato-ovata, posterius acute angulata; perist. continuo, simplici; sutura umbilici angusta, costa circumambiente finita. — Long. 5, diam. 3 mill.“ (P.)

Realia laevis Harper Pease in *Tryon* Amer. journ. conch. I. 1865. p. 289; II. t. 5. f. 5.

Omphalotropis laevis Pease in Journ. Conch. XVII. 1869. p. 145.

Habitat in insula Oulan, Ponape, Polynesiae.

§. 10.

94. Navigatorum (Hydrocena) Pfr. II. 165 (Hydrocena). III. 178 (Omphalotropis). — *Omphalotropis Navigatorum Mouss.* in Journ. Conch. XIII. 1865. p. 183. — *Pease* 1869. p. 146. — *Pätel* Cat. p. 124. — Ins. Navigatorum.

95. R. ingens Mousson. †

„T. rimata, acute ovata, leviter et aequaliter costulata. Spira conico-acuta; summo attenuate prominulo; sutura incisa. Anfr. 7; primi rotundati, laevigati; sequentes celeriter accrescentes, plani, costulati; ultimus lente subascendens, ovato-rotundatus, ad basin attenuatus, filo producto, rimam arcte

limitante munitus. Apert. in plano paulo sursum verso sita, $^1/_3$ altit. aequans, oblique amygdalaeformis. Perist. rectum, obtusum; marginibus remotis, lamina crassa junctis; dextro ad insertionem acutam incrassato, demum late incurvato, basali cum columellari brevi, verticali, obtuso, angulatim juncto. — Long. 4,2 (err. evid.), diam. 6,5 mill. — Rat. anfr. 7:2. — Rat. apert. 10:7." (M.)

Realia ingens (Omphalotropis) *Mouss.* in Journ. Conch. XVIII. 1870. p. 189.

Habitat Oneata insularum Feejee (Gräffe).

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96. plicosa (Cyclostoma) Pfr. (Coll. 29.) I. 311 (Omphalotropis). II. 166 (Hydrocena). III. 178. — *Omphalotropis? plicosa Pease* 1869. p. 156. — Habitat?

97. R. clavulus (Hydrocena) Morelet. †

„T. perforata, elongata, tenuicula, striata vel plicatulo-striata, cinnamomea, luteo pallide variegata; spira elongato-conica, apice acutiuscula; anfr. $7^1/_2$ planiusculi, ultimus fortius striatus, peripheria magis minusve distincte carinatus, basi carina filari cinctus; apertura ovalis; peristoma rectum, tenue, margine columellari stricto, basi breviter angulato, canaliculato. — Longit. 7, diam. 3 mill." (M.)

Hydrocena clavulus Morel. in Rev. et Mag. Zool. XVIII. 1866. p. 63.

Habitat Vacoas insulae Mauritii (cum *Pupa palangula*, etc.).

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98. Harpula (Omphalotropis) Bens. † III. 178. — *Omphalotropis Harpula Bens.* in Ann. and Mag. n. h. 3d. ser. III. p. 100. — *Pease* 1869. p. 141. — Ins. Mauritius.

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99. R. albocarinata (Omphalotropis) Mousson. †

„T. perforata, ovato-conica, bicarinata, plus minusve costulato-striata, cinereo-brunnea, duabus fasciis albis in carinis picta. Spira regularis, conoidea, summo minuto, corneo, polito; sutura satis impressa. Anfr. 5 convexi, de sutura supera retro arcuatim striati vel costulati; ultimus major, lente paulo descendens, ad peripheriam inframedianam et circum regionem perforationis filis albis validis cinctus. Apert. subverticalis (75^0 cum axi), anguloso-ovalis. Perist. rectum, acutum; mar-

ginibus separatis, infero convergente; dextro de insertione paulo recedente; columellari tenui, vix reflexiusculo, recte patente. — Altit. 4, diam. 3 mill. — Rat. anfr. 3:1. — Rat. apert. 5:4.“ (M.)

Omphalotropis albocarinata Mouss. in Journ. Conch. XXI. 1873. p. 115. t. 7. f. 3.

Habitat in insulis Norfolk.

§. 11.

100. R. major (Hydrocena) Morelet. †

„T. perforata, ovato-conica, solidula, opaca, non nitens, citrina; spira subelongato-conica, apice acuta; anfr. 7 planulati, submarginati, 3 priores roseo-purpurei, ultimus plicato-striatus et liris spiralibus decussatus, interdum granoso-psoricus, versus basim ruditer strigatus, peripheria subtiliter et circa perforationem fortius filo-carinatus, spira paulo brevior; apertura obliqua, angulato-ovalis; peristoma rectum, marginibus subapproximatis, columellari superne leviter emarginato. — Longit. 12, diam. 7 mill.; apert. $5^1/_2$ mill. longa, 4 lata.“ (M.)

Hydrocena major Morel. in Rev. et Mag. Zool. XVIII. 1866. p. 63.

Habitat Vacoas insulae Mauritii (cum *Pupa palangula).*

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101. acutilirata (Hydrocena) Pfr. (Coll. 30.) II. 166 (Hydrocena). III. 179 (Omphalotropis). — *Hydrocena multilineata Ad.?* — *Omphalotropis acutilirata Pease* 1869. p. 150. — Nov. Hebrid.

102. Annatonensis (Cyclostoma) Pfr. II. 166 (Hydrocena). III. 179 (Omphalotropis). — *Omphalotropis Annatonensis Pease* 1869. p. 150. — Ins. Annaton Nov. Hebrid.

103. vestita (Hydrocena) Pfr. (Coll. 31.) II. 166 (Hydrocena). III. 179 (Omphalotropis). — *Realia vestita Pease* 1869. p. 139. — Nova Seelandia.

104. R. borbonica (Omphalotropis) H. Adams. †

„O. testa perforata, ovato-conica, tenui, sub lente minutissime spiraliter punctato-striata, rubido-fulva, albido variegata et strigata; spira conica, apice acuto, sutura distincta; anfr. 6, convexiusculis, ultimo ventricoso, ad peripheriam et circa perforationem compresse carinato; apertura vix obliqua, ovali; perist. simplici, recto, margine columellari subreflexo. — Long. 7, diam. 4 mill.“ (A.)

Omphalotropis borbonica H. Adams in Proc. Zool. Soc. 1868. p. 292. t. 28. f. 14.

— — *G. Nevill* in Journ. As. Soc. Beng. XXXIX. Pt. 2. 1870. p. 415.

Habitat in insula Bourbon.

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105. multilirata (Cyclostoma) Pfr. I. 311 (Omphalotropis). II. 167 (Hydrocena). III. 179. — *Omphalotropis multilirata Pease* 1869. p. 141. — Ins. Mauritius.

106. R. circumlineata Mousson. †

„T. rimato-perforata, turbinato-conica, tenuis, lineis elevatis, obscure undulatis circumdata, rufo-cornea. Spira regulariter subacute conica; summo acutulo, minuto; sutura subprofunda. Anfr. 6, regulariter accrescentes; primi rotundati, politi; caeteri spiraliter arcte lirati, convexi, medio subangulosi; ultimus non ascendens, liris praecipuis 4, aequaliter remotis, minoribus interpositis, cingulatus, quarum 2 supra, 2 infra lineam periphericam, ultimo filiformi rimam circumdante. Apert. subverticalis (5° cum axi), oblique et angulatim circularis. Perist. tenue, rectum, obtusulum; marginibus subconvergentibus, lamina tenui junctis; dextro et basali circularibus, columellari tenuiter incrassato et ad rimam reflexiusculo. — Long. 5,9, diam. 3,8 mill. — Rat. anfr. 3:1. — Rat. apert. 1:1.“ (M.)

Realia circumlineata (Omphalotropis) *Mouss.* in Journ. Conch. XVIII. 1870. p. 191. t. 7. f. 11.

Omphalotropis circumlineata Pätel Catal. p. 114.

Garrettia? circumlineata Schmeltz in Mus. God. cat. V. p. 100.

Habitat in insulis Viti-Levu et Vanua-Valabo (Gräffe).

107. R. littorinula (Omphalotropis) Crosse. †

„T. perforata, elongato-conica, solidula, liris confertis, subaequalibus spiraliter sculpta, parum nitens, fuscescens, albido minute et obscure variegata; spira elongato-conica, apice obtusulo; sutura impressa; anfr. 6 vix convexiusculi, embryonales primi 2 nitiduli, laevigati, violaceo-fusci, ultimus spira paulo minor, basi rotundatus; apertura subverticalis, angulato-ovata, intus concolor; perist. simplex, fuscescens, marginibus callo tenui junctis, columellari expansiusculo, basali et externo subacutis; umbilicus carina funiculiformi, sordide albida circumscriptus. — Operc.? — Long. 7, diam. maj. $3^1/_2$ mill.“ (Cr.)

Omphalotropis littorinula Crosse in Journ. Conch. XXI. 1873. p. 143;
XXII. 1874. p. 238. t. 8. f. 10.
— — *Morelet* ibid. XXIII. 1875. p. 29.

Habitat in insula Rodriguez (Desmazures).

Obs. „Species *O. multiliratae Pfr.* et *O. costellatae Ad.* sat vicina, sed gracilior et liris confertis, subaequalibus distinguenda.“

108. **R. Paladilhi (Omphalotropis) Issel.** †

„Testa rimata, ovato-elongata, solida, brunnea, maculis luteis irregulariter aspersa, sub lente dense transversim costulata, costis granulosis, prope suturam majoribus; spira truncata, erosa; anfractus superstites 4 leviter convexi, sutura impressa separati, ultimus basi attenuatus, circa perforationem tenuissime carinatus; apertura oblique pyriformis, superne angulata, inferne attenuata vix subangulata; peristoma acutum, simplex, interruptum, marginibus callo tenui junctis. Operculum corneum, paucispiratum. — Long. $5^1/_2$, diam. maj. 4, min. $3^1/_2$; apert. long. 3 mill.“ (I.)

Optediceros lineolata Mouss. in coll. (Issel.)
Omphalotropis Paladilhi (Optediceros) *Issel* Moll. Born. 1874. p. 85. t. 7. f. 10—12.

Habitat in territorio Sarawak, Borneo (Doria, Beccari).

§. 12.

109. aurantiaca (Cyclostoma) Desh. (Coll. 32.) I. 309 (Omphalotropis). II. 167 (Hydrocena). III. 179. — *Cyclostoma Belangeri Pfr.* — *Hydrocena? Belangeri Pfr.* — *Realia Belangeri Gray.* — *Omphalotropis aurantiaca Pease* 1869. p. 143. — Pondichery.

110. Cheynei (Hydrocena) Dohrn. & Semp. (Coll. 33.) III. 179 (Omphalotropis). — *Omphalotropis Cheynei Pease* 1869. p. 143. — *Pätel* Cat. p. 124. — *Schmeltz* in Mus. God. Cat. V. p. 100. — Ins. Pelew.

111. rubens (Cyclostoma) Quoy & Gaim. (Coll. 34.) I. 309 (Omphalotropis). II. 167 (Hydrocena). III. 179. — *Blanf.* in Ann. and Mag. n. h. 4th. ser. III. 1869. p. 340. — *Cyclostoma Rangii Pot. & Mich.* — *Omphalotropis rubens Morelet* Sér. conch. II. p. 107: Bourbon. — *Pease* 1869. p. 140. — *G. Nevill* in Journ. As. Soc. XXXIX. 1870. Pt. 2. p. 415 cum var.: *O. Moreleti Desh.* Conf. Nr. 61. — *Pätel* Cat. p. 124. — Ins Mauritius.

112. **R. variegata (Hydrocena) Morelet.** †

„T. umbilicata, ovato-conica, tenuis, laevigata, parum nitida, castanea, punctis et strigis luteis, zigzagformibus, infra

peripheriam anfractus ultimi et circa perforationem zonam fingentibus, ornata; spira conica, acuta; anfr. 7 planiusculi, ultimus basi filo-carinatus; apertura ovalis; peristoma simplex, purpureum, expansiusculum, margine columellari basi breviter angulato, canaliculato. — Longit. 8, diam. 5 mill.“ (M.)

Hydrocena variegata Morel. in Rev. et Mag. Zool. XVIII. 1866. p. 63.

Habitat Vacoas insulae Mauritii (cum *Pupa palangula).*

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113. Ceramensis (Hydrocena) Pfr. (Coll. 35.) III. 179 (Omphalotropis). — *Omphalotropis Ceramensis Wallace* in Proc. Zool. Soc. 1865. p. 413: Gilolo. — *Martens* Ostas. Zool. II. p. 160 *). t. 4. f. 11. — *Pease* 1869. p. 124. — *Omphalotropis bicarinata Martens* in Monatsber. Berl. Ak. 1864. p. 118. *(Pfr.* III. 180.) — *Pease* l. c. p. 142. — Ins. Ceram.

114. R. bifilaris (Omphalotropis) Mousson. †

„T. satis perforata, conica, striata, epidermide fugaci fusca induta. Spira acute conica, regularis; summo minuto, acuto, subattenuato; sutura valde incisa, non marginata. Anfr. rotundati, subclathratuli; ultimus non descendens, rotundatus, in peripheria et ad perforationem, ab ea paulo remote, filis productis cinctus. Apertura subverticalis, subcircularis, integra, intus cornea. Perist. expansiusculum, acutum, intus fortiter labiatum; marginibus lamina parietali soluta junctis, externo et basali circularibus, columellari non reflexo. — Diam. maj. 4, min. $3^1/_2$, altit. $6^3/_4$ mill. — Rat. anfr. 3:4. — Rat. apert. 1:1.“ (M.)

Omphalotropis bifilaris Mouss. in Journ. Conch. XIII. 1865. p. 183; XVII. 1869. p. 353 **); XIX. 1871. p. 29.
— — *Pease* in Journ. Conch. XVII. 1869. p. 146.
— — *Pätel* Catal. p. 124.

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*) „Testa conico-turrita, anguste perforata, oblique striatula et lineis spiralibus subtilissimis confertissimis sculpta, brunneo-flavescens, nitidula, carina filiformi in medio anfractu ultimo et altera circa perforationem munita; anfr. 7, vix convexi, sutura carina anfractuum superiorum marginata, ultimus haud descendens; apertura diagonalis, piriformis, superne angulata; peristoma leviter labiatum, album, expansum, marginibus callo conspicuo junctis, margine columellari infra subito auriculatim dilatato. — Long. 10, diam. maj. 6, min. 5; apert. alt. 5, lat. incl. perist. 4, excl. 3 mill. — Var. β. paulo major, fusca, fasciis nonnullis angustis albidis cincta, apice crocea. — Long. $10^1/_2$, diam. maj. 7, min. 6; apert. alt. $5^1/_2$, lat. incl. perist. 5, excl. $3^1/_2$ mill.“

**) Var. β. *gracilior Mss.:* paulo minor, gracilior, tenuior; anfractibus $6^1/_2$; apertura paulo minor. — Tutuila. — Var. γ. *teretiformis Mss.:* anfractibus rotundatis, carina peripherica deficiente, infera angulosa. — Samoa.

Realia bifilaris Mouss. in Journ. Conch. XVIII. 1870. p. 194*).

Habitat in insula Upolu (Gräffe); ins. Feejee.

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115. Guamensis (Hydrocena) Pfr. (Coll. 36.) II. 167 (Hydrocena). III. 180 (Omphalotropis). — *Omphalotropis Guamensis Pease* 1869. p. 144. — Ins. Guam.

116. expansilabris (Cyclostoma) Pfr. (Coll. 37.) I. 312 (Omphalotropis). II. 167 (Hydrocena). III. 180. — *Omphalotropis expansilabris Pease* 1869. p. 142. — *G. Nevill* in Journ. As. Soc. Beng. XXXIX. 1870. Pt. 2. p. 416. — *Pätel* Cat. p. 124. — Ins. Mauritius et Bourbon.

117. **R. longula Mousson.** †

„T. rimato-perforata, turrito-conica, tenuiuscula, striatula, subdiaphana, pallide cornea vel rosea. Spira regularis, acute conica; summo minuto, obtusiusculo; sutura subimpressa. Anfr. 7 subconvexi, ultimus supra minus, infra magis rotundatus, obscure subangulatus, ad rimam filocarinatus. Apertura subverticalis (8^0 cum axi), acute ovalis. Perist. expansiusculum, acutum, intus sublabiatum; marginibus lamina callosa junctis; dextro et basali arcuatis; columellari crassiusculo et reflexiusculo, ad carinam supra inserto. — Long. 6,7, diam. 3 mill. — Rat. anfr. 3:1. — Rat. apert. 5:4.“ (M.)

Realia longula (Omphalotropis) *Mouss.* in Journ. Conch. XVIII. 1870. p. 193.

Omphalotropis longula Pätel Catal. p. 124.

Habitat Ticombia insularum Feejee (Gräffe).

118. **R. costulata Mousson.** †

„T. late rimato-perforata, ovata, tenuiuscula, eleganter striato-costulata, albescens. Spira obtuse conica; summo parvulo, non prominulo; sutura incisa, marginata. Anfr. $6^1/_2$, nucleolares rotundati et laevigati; sequentes convexiusculi, costulati; ultimus non ascendens, ovato-rotundatus, ad basin subtumidulus, filo elevato praeditus. Apertura verticalis, $^3/_8$ altit. aequans, oblique et late amygdalaeformis. Peristoma breviter expansum et reflexum, obtusum; marginibus remotis, lamina vix crassiuscula junctis; dextro late arcuato; basali et columellari arcuatim junctis, paulo reflexis, obtusis. — Long. 5,5, diam. 3,0 mill. — Rat. anfr. 3:1. — Rat. apert. 6:5.“ (M.)

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*) Var. *δ. angusta Mss.*: rima angustiori, carinis evanescentibus. — In interiore insulae Viti-Levu.

Realia costulata (Omphalotropis) Mouss. in Journ. Conch. XVIII. 1870. p. 190. t. 7. f. 10.
Omphalotropis costulata Pätel Catal. p. 124.

Habitat Vanua Valabo insularum Feejee (Gräffe).

Species quarum descriptiones mihi desunt:

Hydrocena diaphana } *Gassies* Faun. conch. Nouv. Caléd. 1863.
— *Fischeriana* }

XLIX. ? Cyclomorpha Pease.

„Testa turbinata, subglobosa, solida, laevigata aut spiraliter striata, perforata; apertura fere circularis; peristoma simplex, subincrassatum, callo tenui continuum. — Operculum ei generis Omphalotropidis Pfr. simile." (P.) Vid. p. 112.

Cyclomorpha (genus Realicorum) *Harper Pease* in Proc. Zool. Soc. 1871. p. 164.
Ostodes sp. *Gould.*

Species:

1. flava (Cyclostoma) Brod. (Coll. 1.) I. 85. II. 61. III. 71 (Cyclophorus). — *Pease* in Proc. Zool. Soc. 1871. p. 464. — *Ostodes flavum Gould.* — *Cyclophorus flavus* (Ostodes) *Mart. & Langk.* Don. Bism. p. 58. — *Cyclostoma obligatum Gould?* (Mus. God. cat. V. p. 100.) — Ins. Annaa, Gambier.
2. ? biangulata Pease. † Conf. *Cyclophorus biangulatus Pease* Nr. 128. — *Garrettia biangulata Schmeltz* in Mus. Godeffr. cat. V. p. 100: Aitutaki.

L. Cecina A. Adams.

Pfr. Mon. Pneum. III. p. 180.

Species:

1. manchurica A. Adams. † III. 181. — Manchuria.

Subfamiliae ambiguae genus:

LI. Bourciera Pfr.

Pfr. Mon. Pneum. I. p. 312; II. p. 168; III. p. 181. — *Bland* in Amer. journ. conch. II. 1866. p. 61: genus Realieorum. — *Pease* in Proc. Zool. Soc. 1869. p. 160. — *Pätel* Catal. 1873. p. 17. 124.

Species:

1. helicinaeformis (Cyclostoma) Pfr. (Coll. 1.) I. 312. II. 168. III. 181. — *Pätel* Cat. p. 124. — Respubl. Aequatoris.
2. Fraseri (Cyclostoma) Pfr. III. 181. — Cuenca reipubl. Aequatoris.

Cyclostomacea (?) minus nota.

Cyclostoma

agglutinans Hombr. & Jacq. II. 168. — Oceania. (= Valvata?)
crenatum (Turbo) Linn. I. 314. II. 169. III. 182. (= Scalaria?)
Eugeniae Reeve. † III. 182. — Mauritius.
lunulatum (Nerita) Müll. I. 315. II. 169. III. 183. — *Turbo lunulatus Gmel.* — (An = *Choanopoma decussatum Lam.?*)
marginatum (Turbo) Chemn. I. 313. — *Turbo limbatus Gmel.*
reflexum (Turbo) Linn. I. 169. II. 169. III. 183. — *Cyclostoma reflexum Gray.* (= *Cyclostoma elegans Müll.* teste *Hanley* Ipsa Linnaei conchylia p. 344.)

Stegomphix

elegans Rafin. III. 183.

Cyclostomacea fossilia.

Cyclostoma abbreviata Math. } I. 317.
— *Alberti Dujard.* } I. 317.
— *Aquensis Math.* } I. 317.
— *Arnoudi Mich. (Arnouldi Boissy.)* I. 317.
— *basicarinatum Pfr.* II. 168. — St. Croix subfoss. — *Chondropoma basicarinatum Reeve.*
— *Baudoni Mich.* *) III. 182.

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*) „Testa ovato-conoidea, subumbilicata, sulcis transversis numerosis cincta, striis longitudinalibus minimis clathrata; anfractibus senis, convexis, regulariter crescentibus, ultimo majore; sutura profunda; apertura rotunda, superne subangulata; peristomate continuo, simplici, acuto, subpatulo; apice laevigato, obtuso. — Long. 15—20, diam. anfr. ultimi 10 mill." (Hauterive, Drôme.)

Cyclostoma bisulcatum Braun. I. 317. (*Cycl. majus Raht.*)
— *bulimoides Math.* I. 317. — *Megalomastoma bulimoides Sandb.*, *Bleicher* in Rev. sc. nat. I. 1. 1872. p. 71.
— *cancellatum Grat.* I. 317.
— *chordiferum Pfr.* II. 168. — St. Croix subfoss.
— *conoidea Boissy*
— *Coquandi Math.*
— *cornu pastoris Lam.*
— *crassilabris Math.* } I. 317.
— *decussatum Bon.*
— *delicatum Phil.*
— *disjuncta Math.*
— *dolium Thomae* I. 317. (*Cycl. pupa Raht.*)
— *Draparnaudi Math.*
— *elegans-antiquum Brongn.*
— *elongatum Serr.* } I. 317.
— *excavatum Serr.*
— *glabrum Schübl.*, *Klein*
— *gregaria Bronn*
— *heliciformis Math.* I. 317. — *Cyclophorus heliciformis Bleicher* in Rev. sc. nat. I. 1. 1872. p. 71.
— *helicinaeformis Boissy*
— *inflata Desh.*
— *keuperiana Hehl*
— *Lemani Bast.* } I. 317.
— *Lunelii Math.*
— *macrostoma Lam.*
— *microstoma Desh.*
— *mumia Lam.*
— *planorbuloides Lam.* 1822. I. 317. — *Cyclostoma planorbula Lam.* 1804.
— *plicata Vern.* I. 317.
— *sepultum Rambur* *). III. 183.
— *Serriana Math.* I. 317. — *Cyclostoma Serresana Bronn.*
— *solarium Math.*
— *spiruloides Lam.* } I. 317.
— *subcarinata Mich.*
— *truncatum Brard.*

Ferussina Grateloup.

Pfr. Mon. Pneum. I. 317. — *Ferussacia Leufr.* — *Strophostoma Desh.*

Ferussina anostomaeformis Grat. (*laevigata Bronn.*)
— *lapicida Leufr.*
— *striata Bronn.*
— *tricarinata Bronn.*

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*) „Testa subrimata, oblongo-turrita, costulis spiralibus majoribus et striis longitudinalibus minoribus, numerosis, reticulata; apice obtuso, laevi; anfr. 6 convexiusculis, ultimo mediocri; apertura rotundato-subovali parva, peristomate tenui, subreflexo, antice subexpanso. — Diam. maj. 9, alt. 16 mill.“ — Touraine. (*Ramb.* in Journ. Conch. X. 1862. p. 179. t. 8. f. 7. 8.)

Fam. II. Helicinacea.

Pfr. Mon. Pneum. p. 318; II. p. 169; III. p. 184.

Subfam. I. Stoastomea.

Pfr. Mon. Pneum. III. p. 184.

I. Stoastoma C. B. Adams.

Pfr. Mon. Pneum. p. 319; II. p. 170; III. p. 184. — *Pätel* Catal. 1873. p. 17. 124. Subgenera ex *Pfr.*

Conspectus specierum.

A.	*Electrina Gray* (III. 184.) . . .	§. 1.	Nr.	1.
B.	*Lewisia Chitty* (III. 185.) . . .	§. 2.	—	2— 5.
C.	*Wilkinsonaea Chitty.* (III. 186.)			
	a. Anfractu ultimo eximie producto	§. 3.	—	6—12.
	b. — — minus producto	§. 4.	—	13—18.
D.	*Fadyenia Chitty* (III. 190.) . . .	§. 5.	—	19—21.
E.	*Hemicyclostoma C. B. Adams* (III. 191.)	§. 6.	—	22—24.
F.	*Metcalfeia Chitty* (III. 192.) . .	§. 7.	—	25—36.
G.	*Petitia Chitty* (III. 196.) . . .	§. 8.	—	37—48.
H.	*Lindsleya Chitty* (III. 200.) . .	§. 9.	—	49—74.
I.	*Blandia Chitty* (III. 207.) . . .	§. 10.	—	75—83.

§. 1.

1. succineum (Cyclostoma) Sow. (Coll. 1.) I. 319. II. 170. III. 185. — Electrina *Pätel* Cat. p. 124. — *Cyclostoma australe Mühlf.* — *Cyclophorus succineus Pfr.* olim. — *Electrina succinea Gray.* — Ins. Opara.

§. 2.

2. Agassizianum C. B. Adams. † I. 327. II. 171. III. 185. — Jamaica.
3. Philippianum C. B. Adams. † I. 328. II. 171. III. 185. — *H. & A. Adams* Gen. II. p. 646. t. 138. f. 12. 12 a. — Jamaica.
4. Woodwardianum Chitty. † III. 185. — Jamaica.
5. MacAndrewianum Chitty. † III. 186. — Jamaica.

§. 3.

6. Vilkinsoniae C. B. Adams. †. I. 326. II. 171. III. 186 (*Wilkinsonaeanum*). — *Stoastoma Wilkinsonaeanum* (Wilkinsonaea) *Pätel* Cat. p. 124. — Jamaica.
7. Gouldianum C. B. Adams. (Coll. 2.) I. 325. II. 171. III. 186. — Wilkinsonaea *Pätel* Cat. p. 124. — Jamaica.
8. Schomburgkianum Chitty. † III. 186. — Jamaica.
9. Abbotianum Chitty. † III. 187. — Jamaica.
10. Jardineianum Chitty. † III. 187. — Jamaica.
11. Greenwoodianum Chitty. † III. 188. — Jamaica.
12. Laidlawianum Chitty. † III. 188. — Jamaica.

§. 4.

13. Tappanianum C. B. Adams. † I. 325. II. 171. III. 188 (sphalm. *Hollandianum* Nr. 13). — Jamaica.
14. Hollandianum C. B. Adams. † I. 326. II. 171. III. 188. — Wilkinsonaea *Pätel* Cat. p. 124. — Jamaica.
15. Dysonianum Chitty. † III. 188. — Jamaica.
16. Hanleyanum Chitty. † III. 189. — Jamaica.
17. Bensonianum Chitty. † III. 189. — Jamaica.
18. Moussonianum Chitty. † III. 190. — Jamaica.

§. 5.

19. Fadyenianum C. B. Adams. I. 323. II. 171. III. 190. — *Pätel* Cat. p. 124. — Jamaica.
20. Bowerbankianum Chitty. † III. 190. — Jamaica.
21. Grayanum Chitty. † III. 191. — *Pätel* Cat. p. 124. — Jamaica.

§. 6.

22. pisum C. B. Adams. (Coll. 3.) I. 320. II. 170. III. 191. — *Gloyne* in Journ. Conch. XX. 1872. p. 42. — *Pätel* Cat. p. 124. — Jamaica.
23. Pfeifferianum C. B. Adams. (Coll. 4.) I. 323. II. 171. III. 191. — *Pätel* Cat. p. 124. — Jamaica.
24. Livesayanum Chitty. † III. 191. — *Pätel* Cat. p. 124. — Jamaica.

§. 7.

25. Chittyanum C. B. Adams. (Coll. 5.) I. 323. II. 171. III. 192. — *Pätel* Cat. p. 124. — Jamaica.

26. Metcalfeianum Chitty. † III. 192. — Jamaica.
27. Bacquiéanum Chitty. † III. 192. — Jamaica.
28. Sutherlandianum Chitty. † III. 193. — Jamaica.
29. Mörchianum Chitty. † III. 193. — Jamaica.
30. Verreauxianum Chitty. † III. 193. — Jamaica.
31. Sinclairianum Chitty. † III. 194. — Jamaica.
32. Mitchellianum Chitty. † III. 194. — Jamaica.
33. Dohrnianum Chitty. † III. 194. — Jamaica.
34. Layardianum Chitty. † III. 195. — *Pätel* Cat. p. 124. — Jamaica.
35. Swiftianum Chitty. † III. 195. — Jamaica.
36. Haitianum Weinl. (Coll. 6.) III. 196. — Haiti.

§. 8.

37. Petitianum C. B. Adams. † I. 324. II. 171. III. 196. — Jamaica.
38. Cumingianum C. B. Adams. I. 324. II. 171. III. 196. — *Pätel* Cat. p. 124. — Jamaica.
39. Anthonianum C. B. Adams. † I. 325. II. 171. III. 196. — *Pätel* Cat. p. 124. — Jamaica.
40. Stevensianum Chitty. † III. 196. — Jamaica.
41. Fortuneanum Chitty. † III. 197. — Jamaica.
42. Adamsianum Chitty. † III. 197. — Jamaica.
43. Taylorianum Chitty. † III. 197. — Jamaica.
44. Stricklandianum Chitty. † III. 198. — Jamaica.
45. Stokesianum Chitty. † III. 198. — Jamaica.
46. Grevilleanum Chitty. † III. 199. — *Pätel* Cat. p. 124. — Jamaica.
47. Carpenterianum Chitty. † III. 199. — Jamaica..
48. Barronianum Chitty. † III. 199. — Jamaica.

§. 9.

49. Lindsleyanum C. B. Adams. † I. 320. II. 170. III. 200. — *Pätel* Cat. p. 124. — Jamaica.
50. Pickeringianum Chitty. † III. 200. — *Pätel* Cat. p. 124. — Jamaica.
51. Portoricense Pfr. II. 170. III. 200. — Portorico.
52. Redfieldianum C. B. Adams. (Coll. 7.) I. 321. II. 170. III. 200. — *Pätel* Cat. p. 124. — Jamaica.
53. Jayanum C. B. Adams. † I. 322. II. 171. III. 200. — *Stoastoma Jaguanum Pätel* Cat. p. 124. — Jamaica.
54. Leanum C. B. Adams. (Coll. 8.) I. 321. II. 170. III. 200. — *Pätel* Cat. p. 124. — Jamaica.
55. Denisonianum Chitty. † III. 200. — Jamaica.
56. Polyblankianum Chitty. † III. 201. — Jamaica.
57. Albersianum Chitty. † III. 201. — Jamaica.
58. Fischerianum Chitty. † III. 202. — Jamaica.
59. Moricandianum C. B. Adams. † I. 322. II. 171. III. 202. — *Pätel* Cat. p. 124. — Jamaica.
60. Reeveanum Chitty. † III. 202. — *Pätel* Cat. p. 124. — Jamaica.
61. Shuttleworthianum Chitty. † III. 202. — Jamaica.
62. Boissierianum Chitty. † III. 203. — Jamaica.
63. Gaskoinianum Chitty. † III. 203. — *Stoastoma Gaskonianum Pätel* Cat. p. 124. — Jamaica.
64. Newcombianum Chitty. † III. 204. — Jamaica.

65. Riiseanum Chitty. † III. 204. — Jamaica.
66. Poeyanum Chitty. † III. 204. — Jamaica.
67. Henryanum Chitty. † III. 205. — Jamaica.
68. Alderianum Chitty. † III. 205. — *Pätel* Cat. p. 124. — Jamaica.
69. Bridgesianum Chitty. † III. 205. — Jamaica.
70. Salleanum Chitty. † III. 206. — Jamaica.
71. Arthurianum Chitty. † III. 206. — Jamaica.
72. Gutierrezianum Chitty. † III. 206. — Jamaica.
73. Owenianum Chitty. † III. 207. — Jamaica.
74. Wollastonianum Chitty. † III. 207. — Jamaica.

§. 10.

75. Blandianum C. B. Adams. I. 327. II. 171. III. 208. — *Pätel* Cat. p. 124. — Jamaica.
76. Jeffreysianum Chitty. † III. 208. — Jamaica.
77. Bairdianum Chitty. † III. 208. — Jamaica.
78. MacGillivrayianum Chitty. † III. 208. — Jamaica.
79. Troschelianum Chitty. † III. 209. — Jamaica.
80. Hillianum Chitty. † III. 209. — Jamaica.
81. Traillianum Chitty. † III. 209. — Jamaica.
82. Lukisianum Chitty. † III. 210. — Jamaica.
83. Loweanum Chitty. † III. 210. — Jamaica.

Subfam. II. Helicinea.

Pfr. Mon. Pneum. III. p. 211.

II. Trochatella Swainson.

Pfr. Mon. Pneum. p. 328; II. p. 171; III. p. 211. — *Bland* in Amer. journ. conch. II. 1866. p. 61. — *Pätel* Catal. 1873. p. 17. 124.

Conspectus specierum.

A. Ecarinatae.				
1. Peristomatis margine dextro sinuoso	§. 1.	Nr.	1— 2.
2. Peristomatis margine integro .	§. 2.	—	3—10.
B. Subangulatae	§. 3.	—	11—25.
C. Carinatae	§. 4.	—	26—34.

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§. 1.

1. **regina** (Helicina) Morelet. (Coll. 1.) I. 328. II. 172. III. 211. — *Pätel* Cat. p. 124. — *Helicina multistriata Vel.*, *maculosa Newc.*, *virginea Orb.*, nec *Lea*. — *Hapata regina Gray*. — Cuba.
2. **subunguiculata** (Helicina) Poey. (Coll. 2.) II. 172. III. 211. — *Pätel* Cat. p. 125. — Cuba.

§. 2.

3. **virginea** (Helicina) Lea. I. 329. II. 172. III. 211. — *Helicina ampullina Fér.* — Haiti.
4. **opima** Shuttl. (Coll. 3.) II. 172. III. 211. — Haiti.
5. **excavata** Pfr. II. 173. III. 211. — Habitat?
6. **chrysostoma** (Helicina) Shuttl. (Coll. 4.) I. 330. II. 173. III. 211. — *Pätel* Cat. p. 124. — Cuba.
7. **Gouldiana** Pfr. (Coll. 5.) I. 330. II. 173. III. 211. — *Trochatella Gaudiana Ad.* — Cuba.
8. **Sloanei** (Helicina) Orb. (Coll. 6.) I. 331. II. 173. III. 211. — *Pätel* Cat. p. 124. — *Helicina Lanieriana Pfr.* I. 369. (non *Orb.*) — Cuba.
9. **Eugeniana** (Helicina) Weinl. (Coll. 7.) III. 212. — Haiti.
10. **Methfesseli** Pfr. (Coll. 8.) III. 212. — *Pätel* Cat. p. 124. — Cuba.

§. 3.

11. **Petitiana** (Helicina) Orb. (Coll. 9.) I. 331. II. 173. III. 212. — Cuba.

12. Tr. circumlineata (Helicina) Tryon. †

„T. elevata, conica, apice mucronata; anfr. 6, lineis spiralibus confertis sculpti, ultimus peripheria subangulatus, lineis circa 12 superne et minoribus, confertioribus infra peripheriam notatus; labrum leviter expansum, valde incrassatum. Alba vel subcarnea (denudata). — Alt. 9, diam. 9 mill.“ (Tr. angl.)

Helicina circumlineata Tryon in Amer. journ. conch. II. 1866. p. 305. t. 20. f. 13.

Trochatella circumlineata Tryon ibid. III. p. 207.

Habitat in insula Navassa Indiae occidentalis.

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13. **dilatata** (Helicina) Poey. † II. 174. III. 212. — Cuba.
14. **politula** (Helicina) Poey. (Coll. 10.) II. 174. III. 212. — *Pätel* Cat. p. 124. — Cuba.
15. **luteo-apicata** (Helicina) Poey. (Coll. 11.) II. 174. III. 212. — *Pätel* Cat. p. 124. — *Helicina luteopunctata Poey* olim. — Cuba.
16. **petrosa** (Helicina) Gundl. (Coll. 12.) II. 174. III. 212. — Cuba.
17. **rubicunda** (Helicina) Gundl. (Coll. 13.) II. 175. III. 212. — *Pätel* Cat. p. 124. — Cuba.

18. conica (Helicina) Pfr. (Coll. 14.) I. 331. II. 175. III. 212. — *Pätel* Cat. p. 124. — *Helicina elegans Orb.* — Cuba.
19. hians (Helicina) Poey. (Coll. 15.) II. 175. III. 212. — Cuba.
20. callosa (Helicina) Poey. (Coll. 16.) II. 176. III. 212. — Cuba.
21. elegantula Pfr. (Coll. 17.) I. 332. II. 176. III. 212. — *Pätel* Cat. p. 124. — Haiti.
22. capillacea Pfr. (Coll. 18.) II. 176. III. 212. — Cuba.
23. continua (Helicina) Gundl. (Coll. 19.) III. 212. — Cuba.
24. rupestris (Helicina) Pfr. (Coll. 20.) I. 333. II. 176. III. 213. — *Pätel* Cat. p. 124. — Cuba.
25. tenuis (Helicina) C. B. Adams. I. 332. II. 176. III. 213. — Jamaica.

§. 4.

26. Tankervillii (Helicina) Gray. (Coll. 21.) I. 333. II. 177. III. 213. — *Gloyne* in Journ. Conch. XX. p. 42. — *Pätel* Cat. p. 125. — Jamaica.
27. Mouhoti Pfr. (Coll. 22.) III. 213 *). — *Mouhot* Trav. II. tab. ad p. 186. f. 4. (*Martens* Ostas. Zool. II. p. 68.) — *Pätel* Cat. p. 124. — Camboja.
28. constellata (Helicina) Morelet. (Coll. 23.) I. 334. II. 177. III. 213. — *Poey* Memor. II. t. 4. f. 18. (Animal.) — *Pätel* Cat. p. 124. — *Helicina pagoda Vel.* — Isla de Pinos prope Cuba.
29. stellata (Helicina) Velasquez. (Coll. 24.) I. 334. II. 177. III. 213. — *Pätel* Cat. p. 124. — *Helicina rota Newc.* — Isla de Pinos prope Cuba.
30. Josephinae (Helicina) C. B. Adams. (Coll. 25.) II. 177. III. 213. — *Gloyne* in Journ. Conch. XX. p. 42. — *Pätel* Cat. p. 124. — Jamaica.
31. Chittyana Pfr. II. 177. III. 213. — Jamaica.
32. pulchella (Helicina) Gray. (Coll. 26.) I. 335. II. 177. III. 213. — *Gloyne* in Journ. Conch. XX. p. 42. — *Pätel* Cat. p. 124. — *Helix scitula Wood.* — *Helicina scitula Gray.* — Jamaica.
33. Grayana Pfr. (Coll. 27.) I. 336. II. 177. III. 213. — *Helicina pulchella var. Sow.* — Jamaica.
34. semilirata (Helicina) Pfr. I. 336. II. 177. III. 213. — Venezuela.

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Obs. An huc *Helicina Mangoensis Sow.?* Conf. *Helicina tectiformis Mouss.* (Nr. 49.)

III. Lucidella Swainson.

Pfr. Mon. Pneum. I. p. 337; II. p. 178; III. p. 214. — *Pätel* Catal. 1873. p. 17. 125.

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*) Cl. Dohrn (Malak. Bl. XXI. 1873. p. 109) ad Helicinas genuinas transferendam declarat: „basi circa columellam subplanulatam, strictiusculam callosa."

Species:

1 aureola (Helix) Fér. (Coll. 1.) I. 337. II. 178. III. 214. (emend.) — *Gloyne* in Journ. Conch. XX. p. 43. — *Pätel* Cat. p. 125. — *Helicina aureola Sow.?, areola Pet.* — Jamaica.

2. undulata Pfr. (Coll. 2.) III. 214. — *Helix aureola Fér. var.* — *Helicina aureola Gray.* — Jamaica.

3. sulcata (Prosopis) Weinland. (Coll. 3.) III. 215. — Haiti.

4. inaequalis Pfr. III. 215. — Jamaica.

5. nana (Helicina) Pfr. (Coll. 4.) II. 178. III. 215. — *Helicina tridens Shuttl.*, *Reeve* Conch. ic. n. 125? Conf. *Bland* in Journ. Conch. XXIII. 1875. p. 250. — Jamaica.

IV. Helicina Lamarck.

Pfr. Mon. Pneum. I. p. 328. 420; II. p. 178; III. p. 216. — *Bland* in Amer. journ. conch. II. 1866. p. 61 et in *Crosse* Journ. XXIII. 1875. p. 245. — *Martens* Ostas. Zool. II. 1867. p. 166. — *Pätel* Catal. 1873. p. 17. 125. — *Reeve* Conch. icon. Pt. 308. 309. 1873.

Conspectus specierum.

A. Peristomate introrsum subdentato §. 1. Nr. 1— 11.
B. Peristomate non dentato,
a. recto, acuto.
α. Ecarinatae,
1. conico-globosae . . . §. 2. — 12— 19.
2. conoideae vel conicae §. 3. — 20— 28.
3. depressae . . . . . . §. 4. — 29— 37.
β. Subangulatae . . . . §. 5. — 38— 47.
γ. Carinatae,
1. conoideae . . . . . §. 6. — 48— 54.
2. depressae . . . . . §. 7. — 55— 61.
b. subrecto, incrassato, obtuso.
α. Ecarinatae . . . . . . §. 8. — 62— 84.
β. Subcarinatae . . . . §. 9. — 85— 98.
γ. Acute carinatae . . . §. 10. — 99—113.
c. expanso, simplice.
α. Ecarinatae,
1. conicae . . . . . . §. 11. — 114—115.

2. globoso-conoideae.			
* Spira parvula.			
† Laevigatae vel striatae . .	§. 12.	Nr.	116—150.
†† Spiraliter sculptae . .	§. 13.	—	151—157.
** Spira anfractum ultimum aequante vel superante.			
† Sublaevigatae	§. 14.	—	158—184.
†† Striatae . .	§. 15.	—	185—189.
††† Spiraliter sculptae . .	§. 16.	—	190—201.
3. depressae,			
* sublaevigatae . .	§. 17.	—	202—215.
** striatae vel subgranulatae	§. 18.	—	216—218.
*** spiraliter sculptae	§. 19.	—	219—225.
β. Subcarinatae,			
1. conicae vel conoideae,			
* spiraliter sculptae	§. 20.	—	226—227.
** sculptura spirali nulla	§. 21.	—	228—265.
2. depressae	§. 22.	—	266—277.
γ. Distincte carinatae.			
1. Columella subsimplice.			
* Trochiformes . .	§. 23.	—	278—290.
** Turbinato-depressae,			
† spiraliter sculptae . .	§. 24.	—	291—305.
†† sculptura spirali nulla .	§. 25.	—	306—316.
*** Sublenticulares .	§. 26.	—	317—328.
2. Columella retrorsum spinosa	§. 27.	—	329—333.
δ. Subbicarinatae	§. 28.	—	334—338.
d. rostrato	§. 29.	—	339—343.

§. 1.

1. Adamsiana Pfr. (Coll. 1.) I. 339. II. 179. III. 217. — *Gloyne* in Journ. Conch. XX. p. 43 cum var.: *olivacea*. — *Pätel* Cat. p. 125. — Jamaica.
2. coronula Shuttl. (Coll. 2.) III. 217. — Jamaica.
3. depressa Gray. (Coll. 3.) I. 340. II. 179. III. 217. — *Pätel* Cat. p. 125. — Var.: *Helicina Leana C. B. Adams*. — Jamaica.

4. plicatula Pfr. I. 340. II. 179. III. 217. — *Tate* in Ann. and Mag. n. h. 4th. ser. IV. p. 356: St. Lucia. — *Helicina striatula Rang.* — Martinique.

5. H. Paivana Pfr.

T. conoidea, solidula, oblique conferte et eleganter plicata (plicis infra suturam arcuatis et crassioribus), pallide rubello-cornea; spira conoidea, acutiuscula; sutura crenulata; anfr. 6 vix convexiusculi, ultimus depressus, antice superne impressus, basi planiusculus, medio excavatus, callo circumscripto munitus; apertura diagonalis, sinuato-subtriangularis; perist. simplex, margine supero antrorsum subangulatim dilatato, depresso, basali juxta columellam brevissimam dente linguaeformi extrorsum spectante munito. — Operc.? — Diam. maj. 5, min. $4^1/_2$, alt. fere 3 mill. (Coll. Nr. 4.)

Helicina Paivana Pfr. in Malak. Bl. XIII. 1866. p. 89.

Habitat in insula Haiti (Smith).

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6. rugosa Pfr. (Coll. 5.) I. 341. II. 180. III. 217. — *Pätel* Cat. p. 126. — Cuba, Haiti.

7. vinosa Shuttl. (Coll. 6.) II. 180. III. 217. — *Pätel* Cat. p. 126. — Portorico, Vieque.

8. unidentata Pfr. (Coll. 7.) I. 341. II. 180. III. 217. — *Pätel* Cat. p. 126. — Var.: *Helicina rusticella Morelet.* — Honduras.

9. lirata Pfr. (Coll. 8.) I. 341. II. 180. III. 217. — *Strebel* in Abh. Nat. Ver. Hamb. VI. 1. p. 21. t. 1. f. 8. t. 2. f. 8. (inclusa praecedente.) — *Pätel* Cat. p. 125. — Yucatan, Tabasco (Berendt).

10. lineata C. B. Adams. (Coll. 9.) I. 342. II. 180. III. 217. — *Pätel* Cat. p. 125. — Jamaica.

11. H. ignicoma Guppy. †

„Testa orbiculato-conoidalis, radiatim sinuato-costellata, tenuis, subdiaphana, nitens, subrufa; spira brevis, conoidalis; apertura oblique semiovata; columella brevissima, simplex; peristoma anguste expansum et reflexum, margine basali parum sinuato; callus basalis tenuis, albidus. — Operc. tenue, diaphanum. — Alt. 3, lat. maj. $4^1/_2$, lat. min. 4 mill.“ (G.)

Helicina ignicoma Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 441; Proc. scient. assoc. Trinidad 1869. p. 245.

Habitat in insula Trinidad Indiae occidentalis.

Obs. „Affinis *H. rugosae* et *plicatulae*, sed margo basalis peristomatis non dentatus, modo sinuatus.“

§ 2.

12. cingulata Pfr. I. 351. II. 186. III. 217. — Haiti.

13. H. Ueana Mousson. †

„T. subglobulosa, laevigata, luteo-albescens, concolor, vel flavido radiata. Spira obtuse conica; summo plane obtuso, aurantiaco; sutura lineari. Anfr. $4^1/_2$, convexiusculi; primi nitidi, sequentes sublactei; ultimus subarcuatim flavo radiatus, rotundatus, ad basin convexiusculus. Apertura obliqua (5^0 cum axi), semicircularis, flavida. Perist. rectum, tenuiter labiatum; margine dextro antrorsum supra leniter arcuatim protracto, medio retracto, basali curvato, cum columellari brevi, calloso angulo recto juncto; lamina callosa vitrea, tenui, circulariter expansa. — Altit. 5, diam. 6 mill. — Rat. anfr. 2:1. — Rat. apert. 1:1.“ (M.)

Helicina Ueana Mouss. in Journ. Conch. XIX. 1871. p. 24. t. 3. f. 9.

Habitat in insula (Tongana) Uea (Gräffe).

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14. Dominicensis Pfr. I. 352. II. 186. III. 218. — Haiti.
15. modesta Pfr. (Coll. 10.) II. 186. III. 218. — Nov. Hebrid., ins. Salomonis.
16. ? vestita Gould. † I. 353. II. 187. III. 218. — An = *Helicina orbiculata jun.?* — Status Uniti.
17. margaritacea Less. † I. 353. II. 187. III. 218. — Nova Guinea.
18. exigua Hombr. & Jacq. (Coll. 11?) II. 187. III. 218. — Ins. Mangareva.
19. Emmerlingi Pfr. (Coll. 12.) III. 218. — Cuba.

§. 3.

20. costata Gray. (Coll. 13.) I. 351. II. 187. III. 218. — *Gloyne* in Journ. Conch. XX. p. 43. — *Pätel* Cat. p. 125. — Jamaica.

21. H. conuloides Guppy. †

„Testa conica, trochiformis, tenuis, laevis, nitens, diaphana, rubro-brunnea; spira conica, elevata; apex acuminatus; anfr. 6, vix convexi; apertura leviter obliqua; peristoma tenue, rectum; columella in callum albidum et circumscriptum dilatata. — Operc. tenue, diaphanum, margine interno paulo incrassato. — Alt. 4, lat. $5^1/_2$ mill.“ (G.)

Helicina conuloides Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 435.

Habitat in insula Dominica Indiae occidentalis.

Obs. „Affinis *H. trochulinae Orb.*“

22. H. Schrammi Crosse. †

„T. turbinato-conica, striis incrementi minutis vix conspicue impressa, tenuis, translucida, nitidula, cornea, unicolor; spira mediocriter elevata, apice acutiusculo; sutura impressa; anfr. 5 planiusculi, ultimus spiram vix superans, ad peripheriam obtuse subcarinatus, basi planiusculus; columella brevis, callum exiguum, lacteum emittens; apertura obliqua, subtriangularis, intus cornea; peristoma simplex, marginibus basali et externo tenuibus, fragilibus, acutis. — Operculum tenue, corneum. — Diam. maj. $5^2/_3$, min. 5, alt. 5 mill.“ (Cr.)

Helicina Schrammi Crosse in Journ. Conch. XX. 1872. p. 212; XXI. 1873. p. 251. t. 11. f. 3.

Habitat in insula Guadeloupe.

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23. candida Pfr. (Coll. 14.) III. 219. — *Pätel* Cat. p. 125. — Turk's Island Indiae occidentalis.
24. littoricola Gundl. (Coll. 15.) III. 219. — *Pätel* Cat. p. 125. — Cuba.
25. Mohriana Pfr. III. 219. — Orizaba reipubl. mexicanae.
26. laciniosa Mighels. (Coll. 16.) I. 352. II. 187. III. 219. — Ins. Sandwich.
27. microdina Morelet. † I. 354. II. 187. III. 219. — *Pätel* Cat. p. 125. — Guatemala.

28. H. Zelebori Pfr.

T. parvula, conoidea, solida, laevigata, nitida, pallide straminea; spira breviter conoidea, vertice obtusiusculo; sutura levis; anfr. 4 vix convexiusculi, ultimus latus, subdepresso-rotundatus, subtus parum convexus, medio callo concolore parum expanso munitus; columella brevissima, triangularis; apertura obliqua, late semiovalis; perist. simplex, rectum, margine basali cum columella angulum obtusum formante. — Diam. maj. $4^2/_3$, min. 4, alt. 3 mill. (Mus. Vindobon.)

Helicina Zelebori Pfr. in Verh. zool. bot. Ges. Wien XVII. 1867. p. 807.
Pachystoma Zelebori Frauenf. ibid. XIX. 1869. p. 879.
— — *Mörch* in Journ. Conch. XX. 1872. p. 331.

Habitat in insulis Nicobaris (Zelebor).

Obs. Differt ab *H. piso Phil.* anfractu ultimo rotundato, labro tenui, etc., a *Nicobarica Phil.* spira altiore, carina nulla, labro simplice recto.

§. 4.

29. umbonata Shuttl. † II. 187. III. 220. — Portorico.

30. subfusca Menke. (Coll. 17.) I. 355. II. 187. III. 220. — *Pätel* Cat. p. 126. — *Helicina rotellina Pot. & Mich.*, *Hornbeckii Phil.*, *castanea Guild.* — Ins. St. Thomas.
31. Hjalmarsoni Pfr. (Coll. 18.) II. 188. III. 220. — *Pätel* Cat. p. 125. — Portorico.
32. nitida Pfr. (Coll. 19.) I. 356. II. 188. III. 220. — *Pätel* Cat. p. 125. — *Helicina orbiculata Sow.?* — Cuba.
33. glabra Gould. (Coll. 20.) II. 188. III. 220. — *Pätel* Cat. p. 125. — Cuba.
34. montana Wright. (Coll. 21.) III. 220. — Cuba.
35. cornea Sow. † I. 356. II. 188. III. 220. — Habitat?
36. rustica Pfr. (Coll. 22.) I. 357. II. 188. III. 220. — *Helicina pallida Pfr.* olim. — Tahiti.
37. inconspicua Pfr. I. 357. II. 189. III. 220. — Tahiti, Raiatea.

§. 5.

38. beryllina Gould. I. 354. II. 189. III. 220. — *Mouss.* in Journ. Conch. XVII. 1869. p. 357 *); XVIII. 1870. p. 200. — *Pätel* Cat. p. 125. — Ins. Feejee.

39. H. interna Mousson. †

„T. conico-turbinata, satis striata, flavido-alba concolor, vel fusco-unifasciata. Spira regularis, conica; summo minuto, obtusulo; sutura lineari, impressa. Anfract. 5, convexiusculi; ultimus paulo major, de sutura declivis, ad peripheriam obtuse subangulatus, ad basin subconvexus. Apertura vix obliqua (20° cum axi), transversim obtuse triangularis, alba. Perist. rectum, acutum; margine dextro ad insertionem non protracto, antice vix subarcuato; basali subhorizontali, cum columellari angulo recto juncto, columellari brevi, verticali, supra subfoveato, laminam circularem, tenuem emittente. — Alt. 7,5, diam. 9 mill. — Rat. anfr. 2:1. — Rat. apert. 1:1.“ (M.)

Helicina interna Mouss. in Journ. Conch. XVIII. 1870. p. 201. t. 8. f. 6; XIX. 1871. p. 24. Conf. *H. multicolor Gould.*
— — *Pätel* Catal. p. 125.

Habitat in parte interiore insulae Vetu-Levu, nec non in ins. Mango, Vavao et Tongatabou (Gräffe).

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40. Norfolkensis Pfr. II. 189. III. 220. — *Mouss.* in Journ. Conch. XXI. 1873. p. 113. — Ins. Norfolk teste Mus. Cuming. — Negat *Brazier* (Proc. Zool. Soc. 1871. p. 322), qui speciem ad *Helicinam plicatilem Mouss.* (Nr. 50) refert.

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*) Var. *flavida:* summo et basi flavidis, anfractu ultimo lacteo; saepe flavido zonata. — Tutuila.

41. rotelloidea Mighels. (Coll. 23.) I. 352. II. 189. III. 220. — *Helicina Bronniana Phil.* — Ins. Sandwich.

42. H. Moussoniana Pfr.

T. depressa, sublenticularis, solidula, striatula et liris spiralibus confertis, subtus subtilioribus sculpta, alabastrina; spira convexa, vertice minuto, prominulo; sutura vix impressa; anfr. fere 5 planiusculi, ultimus peripheria subcarinatus, subtus convexior, medio callo parvulo circumscripto munitus; columella brevissima, denticulo antrorsum desinens; apertura obliqua, subtriangulari-semiovalis; perist. simplex, rectum, acutum. — Operc.? — Diam. maj. $5^1/_2$, min. 5, alt. 3 mill. (Coll. Nr. 24.)

Helicina Moussoniana Pfr. in Malak. Bl. XIII. 1866. p. 89.

Habitat Turk's Island, Inagua Bahamensium.

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43. pictella Pfr. II. 189. III. 220. — Ins. Norfolk.
44. exigua Pfr. I. 353. II. 189. III. 220. — Honduras.
45. humilis Hombr. & Jacq. † II. 189. III. 220. — Ins. Hogoleu Carolinarum.

46. H. mediana Gassies. †

„Testa conica, obtuse carinata, transversim striatula, longitudinaliter costulata, colore varians, lutea, fulva, alba, viridans, brunnea, irregulariter ad suturam fasciata, fasciis trigonis albidis; sutura linearis; apice nitido; anfractus 5 planati, ultimus magis valide; apertura ovato-trigona; peristoma acutum; columella abbreviata, callo umbilicali corneo, parum crasso; intus albo-roseo-fulva, nitida. — Operculum corneum, tenue, fuscum. — Diam. maj. 5, min. 4, alt. 3 mill.“ (G.)

Helicina mediana Gass. in Journ. Conch. XVIII. 1870. p. 145.

Habitat in insula Art Novae Caledoniae (Montrouzier) et in insula Lifu (Déplanches, Lambert).

47. H. parvula Pease. †

„T. tenuiscula, orbicularis, oblique tenuistriata; spira elevata; sutura bene impressa; anfr. 4, convexis, ultimo supra plano-depresso et angulato; callus basalis elevatus, tenuissime granulosus; labro tenui, ad angulum vix emarginato; apertura late lunaris; rufescens aut flavescens. — Diam. 3, alt. $1^1/_2$ mill.“ (P.)

Helicina parvula Harper Pease in Amer. journ. conch. IV. 1868. p. 156. t. 12. f. 10.
— — *Pätel* Catal. p. 125.

Habitat in insula Atiu Polynesiae.

§. 6.

48. **H. bicincta Gloyne.** †

„T. subconoideo-depressa, tenuis, striis incrementi tenuissimis, oculo nudo haud conspicuis, costulis spiralibus paulo fortioribus, supra modice distantibus, subtus confertissimis decussata, supra sulphurea (apice excepto) translucens, cingulis duobus saturate aurantiacis pulcherrime ornata, subtus flavido-alba, zona infra carinam, et callo mediocri pallide citrinis; anfr. 5, planiusculi, rapide accrescentes, ultimus acute carinatus, subtus modice convexus; apertura obliqua, semiovali-subtriangularis, intus saturate citrina; peristoma acutum, columella verticali cum margine basali angulum formante.—Operc.? — Diam. maj. 13, min. 11, alt. 9 mill.“ (G.)

Helicina bicincta Gloyne in Journ. Conch. XX. 1872. p. 47.

Habitat in regione Amazonica superiore (Janson).

49. **H. tectiformis Mousson.** †

„T. conico-depressa, acutissime carinata, fortiter oblique striata, lineis numerosis, elevatis decussata, flavo- seu griseo-albescens. Spira depresse convexo-conica; summo subprominulo, flavo-corneo; sutura plana, lineari, vix perspicua. Anfr. 5, subceleriter accrescentes, fere plani, spiraliter lineis 6—8 elevatis inaequaliter lirati, ultimus carina lamellosa, deorsum producta praeditus, ad basin planiusculus, medio convexior, secundum carinam impressus, spiraliter indistincte lineatus. Apert. perobliqua (55° cum axi), transverse triangularis. Perist. extus acutum, intus labiatum; margine dextro supra recto, ad insertionem in carinam perprotracto, basali breviter reflexo, intus, praecipue versus angulum carinae, incrassato; columellari brevi, verticali, laminam parietalem, tenuem, circularem emittente. — Alt. 8, diam. 12,5 mill. — Rat. anfr. 7:3. — Rat. apert. 1:1.“ (M.)

Helicina tectiformis Mouss. in Journ. Conch. XVIII. 1870. p. 199. t. 8. f. 7.
— — (Trochatella) *Brazier* in Proc. Zool. Soc. 1871. p. 322.
— — *Pätel* Catal. p. 126.

Helicina Mangoensis G. B. Sowerby in Proc. Zool. Soc. 1870. p. 250 *).

Habitat Mango-Island insularum Feejee (Gräffe, Sowerby).

50. H. plicatilis Mousson. †

„T. depresso-conica, striatula, nitidiuscula, flavido-albescens. Spira depresso-conica, celeriter accrescens; summo minuto, nitido, subprominulo; sutura superficiali, subirregulari. Anfr. $4^1/_2$, primi convexi, sequentes plani, ad suturam subappressi; ultimus non descendens, latus, acute angulatus, supra spiraliter obscure impressus, subtus convexior, inflato-conicus. Apert. oblique triangularis, $^2/_3$ altit. aequans. Perist. rectum, acutum; margine supero antice paulo arcuato; laterali obliquo cum columellari angulatim juncto; hoc tenui, in area triangulari late reflexo, infra quasi cristato, extus plicaeformi; lamina callosa parietali expansa, subcirculari. — Diam. maj. 11, min. 9, alt. 3 mill. — Rat. anfr. 2:1. — Rat. apert. 5:6." (M.)

Helicina plicatilis Mouss. in Journ. Conch. XIII. 1865. p. 178; XVII. 1869. p. 358.

— — *Braz.* in Proc. Zool. Soc. 1871. p. 322. (Synon. *H. Norfolkensis Pfr.*)

— — *Pätel* Catal. p. 126.

Habitat in insulis Upolu et Savai (Gräffe).

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51. rudis Pfr. II. 190. III. 220. — Habitat?
52. Shanghaiensis Pfr. II. 190. III. 220. — Shanghai Chinae.
53. Sandwichiensis Soul. (Coll. 25.) II. 190. III. 220. — Ins. Sandwich.

54. H. Pfeifferiana Arango.

T. conica, tenuis, rugulosa, plerumque incrustata, haud nitens, rubicunda; spira conica, acuta; anfr. 5 angulati, ultimus carinatus, basi callo tenui, nitido obductus; apertura diagonalis, late lunaris; perist. simplex, rectum, margine basali arcu levi in columellam brevissimam continuato. — Diam. maj. 3, alt. $2^1/_2$ mill. (Coll. Nr. 26.)

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*) „H. testa pallide lutea, supra aurantia, trochaeformi; anfractibus convexis, infra medium carinatis, supra carinam spiraliter liratis, infra carinam subplanulatis, laeviusculis; carina lata, declivi, subtus vix crenulata; apice obtuso; apertura trigona; margine basali convexiusculo. (Dimensiones desiderantur.) — Species similis *H. Josephinae*, sed superne multo convexior." (S.)

Helicina Pfeifferiana Arango mss., *Pfr.* in Malak. Bl. XIII. 1866. p. 64.
— — *Arango* in *Poey* Repert. II. p. 270.
— — *Pätel* Catal. p. 125.

Habitat Yunque de Baracoa insulae Cuba.

§. 7.

55. zebriolata Pfr. II. 191. III. 220. — *Pätel* Cat. p. 126. — Lord Howe's Island.
56. zonata Less. † I. 358. II. 191. III. 221. — Ins. Oualan.
57. villosa Anton. I. 358. II. 191. III. 221. — *Helicina pilosa Sow.* — Ins. Opara.
58. articulata Pfr. (Coll. 27.) II. 191. III. 221. — Tanna Novar. Hebridar.

59. **H. solida Pease.** †

„H. t. lenticulari, solida, supra depresso-convexa, subtus convexa, oblique tenuiter striata, carinata; rufescente, fascia albicante ad suturam et basim, seu omnino rufa, seu cinerea, seu straminea; anfr. 4—5, planatis, sutura vix impressa; apertura late lunari, regione umbilicali callo copioso albo (rarius rubro aut stramineo) induta. — Diam. 7, alt. $3\frac{1}{2}$ mill.“ (P.)

Helicina solida Harper Pease in Proc. Zool. Soc. 1864. p. 673.
— — *Mart. & Langk.* Don Bism. p. 60. t. 3. f. 24.

Habitat in insulis Oceani Pacifici centralis.

60. **H. corrugata Pease.** †

„H. t. depressa, lenticulari, acute carinata, infra plano-convexa, spira vix elevata; anfr. 5, subplano-convexis, suturis impressis; apertura late semilunari; perist. vix recurvo, ad basim angulato; columella callum inflatum circumscribentem emittente, callo externe profunde sulcato; rufescente vel pallide straminea. — Diam. 5, alt. 2 mill.“ (P.)

Helicina corrugata Harper Pease in Proc. Zool. Soc. 1864. p. 673.

Habitat in insulis Oceani Pacifici centralis.

61. **H. oceanica Pease.** †

„T. parva, tenuiscula, nitida, depressa; spira vix elevata, plano-convexa, oblique subtilissime striata; anfr. 4—5, ultimus ad peripheriam acute carinatus; regio umbilicalis callo sulco marginato instructa; apertura lunaris; labro simplici, acuto.

Flavescens aut albicans, utrinque lineis aut fasciis undulatis rufo-fuscis vel fuscis radiatim ornata. — Diam. 3, alt. $1^1/_4$ mill." (P.)

Helicina oceanica Harper Pease in Amer. journ. conch. III. 1867. p. 226.

Habitat in insula Kingsmill Polynesiae.

Obs. Affinis *H. articulatae Pfr.*

§. 8.

62. Briarea Poey. (Coll. 28.) II. 180. III. 221. — *Pätel* Cat. p. 125. — Cuba.
63. Emoda Pfr. (Coll. 29.) III. 221. — *Arango* in *Poey* Repert. II. p. 270. — Cuba.
64. Jeannereti Pfr. III. 221. — Cuba.
65. Sagraiana Orb. (Coll. 30.) I. 342. II. 181 (emend.). III. 222. — *Pätel* Cat. p. 126. — *Helicina Sagra Sow.* — Cuba.
66. Catalinensis Pfr. (Coll. 31.) II. 182. III. 222. — *Pätel* Cat. p. 125. — *Helicina Cataliniana Reeve.* — Cuba.
67. Titanica Poey. (Coll. 32.) II. 181. III. 222. — *Pätel* Cat. p. 126. — Cuba.
68. silacea Morelet. (Coll. 33.) I. 344. II. 181. III. 222. — *Pätel* Cat. p. 126. — *Helicina ochracea Poey.* — Cuba.
69. Bayamensis Poey. (Coll. 34.) II. 183. III. 222. — *Pätel* Cat. p. 125. — Var.: *Helicina Bastidana Poey, Pfr.* II. 188. — *Helicina Bayhamensis* et *Bastidiana Reeve* (teste *Bland*). — Cuba.
70. ciliata Poey. (Coll. 35.) II. 183. III. 222. — *Pätel* Cat. p. 125. — Var.: *Helicina fossulata Poey.* — Cuba.
71. submarginata Gray. (Coll. 36.) I. 344. II. 184. III. 222. — *Pätel* Cat. p. 126. — *Helicina rubra Pfr.* olim. — Cuba.
72. festiva Sow. (Coll. 37.) I. 343. II. 182. III. 222. — Haiti.
73. pulcherrima Lea. (Coll. 38.) I. 345. II. 184. III. 222. — *Pätel* Cat. p. 126. — Var.: *Helicina crassa Orb., rubrocincta Poey.* — Cuba.

74. **H. nuda Arango.**

T. depresse conoidea, solida, irregulariter striatula, nuda (epidermide destituta), albido-lutescens; spira conoidea, vertice acutiusculo; anfr. $5^1/_2$ planiusculi, ultimus magnus, depresso-rotundatus, basi convexior, callo tenui, nitido, subcircumscripto indutus; columella brevis, in tuberculum crassum desinens; apertura obliqua, subtriangulari-ovalis, intus nitida; perist. vix expansum, perincrassatum, cum tuberculo columellae angulum obscurum formans. — Operc. margaritaceum, extus coerulescens, intus rubicundum. — Diam. maj. $15^1/_2$, min. 13, alt. $10^1/_2$ mill. (Coll. Nr. 39.)

Helicina nuda Arango mss.; *Pfr.* in Malak. Bl. XIII. 1866. p. 63.
— — *Arango* in *Poey* Repert. II. p. 270.
— — *Pätel* Catal. p. 125.
— *Nodae Reeve* teste *Bland.*

Habitat Barigua insulae Cuba.

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75. Mayarina Poey. (Coll. 40.) III. 222. — Mayarí insulae Cuba.
76. sanguinea Pfr. I. 345. II. 184. III. 223. — Honduras.
77. striatula Sow. I. 346. II. 184. III. 223. — Ins. Martinique.
78. repanda Pfr. II. 185. III. 223. — Habitat?
79. calida Weinland. (Coll. 41.) III. 223. — *Pätel* Cat. p. 125. — Crooked Island prope Haiti.
80. occulta Say. (Coll. 42.) I. 346. II. 185. III. 223. — *Binn.* Landsh. North-Am. III. p. 111. f. 221 foss. — *Tryon* in Amer. journ. conch. IV. p. 12. t. 18. f. 20. 21. — *Pätel* Cat. p. 125. — *Helicina rubella Green?* — America borealis.

81. H. epistilia Guppy. †

„Testa orbiculato-conoidalis, solidiuscula, lineis incrementi striata, rubro-brunnea, vel obscure flava; spira elevata, apex acuminatus; anfr. 5, paulum convexi, inferne applanati; sutura paululum crenulata, parum descendens; apertura parva, semiovalis, lata aeque ac alta; peristoma anguste reflexum, parum incrassatum; callus basalis tenuis, vix distinctus; columella simplex. — Operculum pallide corneum. — Alt. 5½, lat. 8½ mill.“ (G.)

Helicina epistilia Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 433.

Habitat in insula Dominica Indiae occidentalis.

Obs. „Aliquantulum affinis *H. Dysoni.*“

82. H. calliostoma Pease. †

„T. crassa, globoso-conoidea, tenuissime radiatim striata, omnino pallide straminea aut albida, interdum rufescente fasciata vel maculata; spira vix elevata, conoidalis; sutura bene impressa; anfr. 5—6, plano-convexi, ultimus ad peripheriam rotundatus, basi convexus; apertura obliqua, lunaris; columella brevis, incrassata, supra vix dilatata, cum perist. angulum acutum formans; peristoma valde incrassatum, interdum duplicatum, album, vix expansum et eversum, marginibus late disjunctis; callus basalis tenuis, parvus, albidus. — Alt. 7½, diam. 7½ mill.“ (P.)

Helicina calliostoma Harper Pease in Proc. Zool. Soc. 1871. p. 466.

Habitat in insulis Marquesas.

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83. Orbignyi Pfr. I. 347. II. 185. III. 223. — Cuba?

84. H. Mouensis Crosse. †

„T. subglobosa, breviter conoidea, solidula, sublaevigata, vix nitidula, sordide luteo-albida aut citrina; spira breviter conica, apice obtusulo; sutura subimpressa; anfr. 4 subplanati, ultimus rotundatus, basi convexiusculus; apertura diagonalis, subsemiovalis, intus sordide albida; peristoma simplex, margine columellari callum circumscriptum, castaneum emittente, brevi, castaneo, basali et externo subincrassatis, albidis. — Operculum tenue, pallide castaneum. — Diam. maj. 4, min. 3, alt. $2^1/_2$ mill." (Cr.)

Helicina Mouensis Crosse in Journ. Conch. XVIII. 1870. p. 246; XIX. 1871. p. 197. t. 6. f. 5.

Habitat in monte Mou Novae Caledoniae (E. Marie).

§. 9.

85. pisum Philippi. (Coll. 43.) I. 347. II. 185. III. 223. — *Pätel* Cat. p. 125. — Ins. Sandwich.

86. H. Lifouana Crosse. †

„T. subconico-globosa, solidula, longitudinaliter vix striatula, pallide cinnamomeo-carnea; spira mediocriter convexo-conica, apice pallido, obtusulo; sutura impressa, subirregularis; anfr. 5 vix convexiusculi, ultimus spiram superans, ad peripheriam obtuse angulatus (angulo versus marginem externum subevanescente), basi convexus; apertura diagonalis, triangulari-ovalis, intus violaceo-castanea; peristoma rectum, subincrassatum, albidum, margine columellari brevi, callum luteo-albidum, crassiusculum emittente. — Diam. maj. 10, min. $8^1/_2$, alt. 7 mill." (Cr.)

Helix Lifouana Crosse in Journ. Conch. XVII. 1869. p. 25. t. 2. f. 5.

Habitat Lifou insularum „Loyalty" in vicinia Novae Caledoniae (E. Marie).

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87. miniata Less. I. 349. II. 185. III. 223. — *Martens & Langk.* Don. Bismark. p. 60. t. 3. f. 23. — Ins. Borabora.

88. H. Tahitensis Pease. †

„T. globoso-conoidea, crassa, tenuissime radiatim striata, omnino straminea aut albida, interdum rufescens, juxta suturam straminea, apice semper straminea; spira conoidea, convexa, obtusa; anfr. 5, convexiusculi, ultimus ad peripheriam rotundatus vel indistincte angulatus; callus basalis nitidus, albidus, circumscriptus; apertura fere lunaris; perist. simplex, rectum, incrassatum; columella arcuata, simplex, cum perist. continua. — Diam. 7, alt. $5^1/_2$ mill.“ (P. 1871.)

Helicina pisum Hombr. & Jacq. Voy. Pol Sud. Zool. V. p. 44. t. 11. f. 18—22. Non *Phil.*
— — *Pfr.* Mon. Pneum. II. p. 185. III. p. 223.
— *Tahitensis Pease* in Journ. Conch. XVIII. 1870. p. 398; Proc. Zool. Soc. 1871. p. 466.

Habitat in insula Taheiti.

89. H. Jana Cox. †

„Testa conoidea, solidula, obscure aurantiaco-fusca, transversim subtiliter et irregulariter striata; apex acutus et minute spiraliter striatus; anfr. $4^1/_2$—5, plani, ultimus obtuse carinatus; apertura triangularis, angulis rotundatis; basis convexa, callo tenui, expanso, albo semitecta; peristoma incrassatum, album, cum columella in callum basalem sensim expansa continuum. — Diam. max. 0,17, min. 0,14, alt. 0,16 poll.“ (C. angl.)

Helicina Jana Cox in Proc. Zool. Soc. 1871. p. 647. t. 52. f. 13.

Habitat Port Macquarie orae orientalis Australiae.

90. H. Vitiensis Mousson. †

„T. minuta, depresso-conoidea, striatula, alba, radiis fusculis retro angulatis picta. Spira obtuse conoidea; summo parvulo, obtuso; sutura subsuperficiali. Anfr. $4^1/_2$, planiusculi; ultimus paulo dilatatus, declivis, subangulatus, subtus convexior. Apertura obliqua, transverse semilunata, intus flavescens. Perist. expansiusculum, obtusum; margine supero recto, columellari brevissimo, basali angulatim juncto, plane incrassato; lamina parietali arcuata, non extensa. — Diam. maj. $3^1/_2$, min. 3, alt. $2^1/_2$ mill. — Rat. anfr. 2 : 1. — Rat. apert. 1 : 1.

Var. *interposita.* Paulo minus depressa, angulo peripheriae obtusiore, radiis rufis rarioribus et latioribus.“ (M.)

Helicina Vitiensis Mouss. in Journ. Conch. XIII. 1865. p. 198.
— — *Pätel* Catal. p. 126.

Habitat in insula Viti-Lewou (Gräffe).

91. H. miltochila Crosse. †

„T. parva, subglobosa, pisiformis, laeviuscula, parum nitida, solidula, sordide luteo-albida; spira mediocris, apice obtuso; sutura sat impressa; anfr. 4 planiusculi, ultimus versus aperturam subito descendens, sub penultimo aliquantulum recedens et quasi gradum efformans, medio obtuse subcarinatus; apertura peroblíqua, subtriangularis, intus miniacea; perist. intus subincrassatum, marginibus callo crasso, prominulo junctis, basali et externo cum parte vicina anfractus ultimi miniaceis. — Operc. normale, corneo-fuscum. — Diam. maj. $4^1/_4$, min. $3^2/_3$, alt. $3^2/_3$ mill.“ (Cr.)

Helicina miltochila Crosse in Journ. Conch. XVII. 1869. p. 187; XIX. 1871. p. 65. t. 2. f. 5.

Habitat in Oceania?

92. H. velutina Guppy. †

„Testa orbiculato-depressa, oblique valde striata, rubrobrunnea, epidermide velutina induta; epidermis decussata, pubescentia in ordinibus punctorum exiguorum disposita; spira brevis; apex breviter acuminatus; anfr. 5, vix convexi, ad peripheriam carinati, carina distincte lirata lineis pubescentibus; apertura obliqua, semiovata; peristoma parum incrassatum et expansum; columella in nodum distincte terminans; callus basalis amplus, circumscriptus. — Operc. tenue, corneum, margine rubescente. — Alt. 5, lat. $8^1/_2$ mill.“ (G.)

Helicina velutina Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 434.

Habitat in insula Dominica Indiae occidentalis.

Obs. „Aliquantulum affinis *H. subfuscae.*“

93. H. Guppyi Pease. †

„Testa orbiculato-depressa, lineis incrementi regulariter et dense striata, pallido-fusca; spira brevis, depressa; apex vix acuminatus; anfr. circa 4, carinati, superne applanati, ultimus paulo productus; apertura obliqua, semiovata; peristoma parum incrassatum et expansum; columella brevis, in nodum terminans; callus basalis amplus, tenuis, leviter circumscriptus. — Operc. corneum, ad marginem rubescens. — Alt. 4, lat. 7 mill.“ (G.)

Helicina humilis Guppy in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 434. Non *Hombr. & Jacq.*
— *Guppyi Harper Pease* in Proc. Zool. Soc. 1871. p. 467.

Habitat in insula Dominica Indiae occidentalis.

Obs. „Affinis *H. subfuscae* et *velutinae?* An *H. velutinae* var.?“

94. H. Mariei Crosse. †

„T. depresso-conoidea, tenuiuscula, nitidula, sublaevigata (sub lente vix striatula), pellucida, pallide viridulo-fuscescens, zona alba, castaneo eleganter articulata, ad suturam cingulata; spira brevissime conica, apice obtusulo; sutura subimpressa; anfr. 4, subplanati, primi 2 unicolores, zona suturali carentes, ultimus carinatus, ad peripheriam altera zona, alba, castaneo plus minusve articulata cinctus, basi convexiusculus; apertura diagonalis, subtriangulari-semiovalis, intus albida; peristoma simplex, albidum, margine columellari brevi, callum circumscriptum, viridulo-fuscescentem emittente, et cum basali angulum formante, externo subincrassato, versus medium leviter angulato. — Operculum tenue, livide viridulo-fuscescens. — Diam. maj. 6, min. 5, alt. 3 mill.“ (Cr.)

Helicina Mariei Crosse in Journ. Conch. XVIII. 1870. p. 244. 418. t. 13. f. 9.

Habitat in Nova Caledonia (E. Marie).

95. H. rugulosa Pease. †

„T. tenuiscula, depressa, orbicularis, oblique fortiter et rude striata; spira vix elevata; sutura bene impressa; anfr. $3^1/_2$, convexis, ultimo rotundato-angulato ad peripheriam; basi planiuscula; callo basali tenui, depresso; labro vix incrassato; omnino flavescens aut rufescens. — Diam. $3^1/_2$, alt. 2 mill.“ (P.)

Helicina rugulosa Harper Pease in Amer. journ. conch. IV. 1868. p. 157. t. 12. f. 11.

Habitat in insula Tahaa Polynesiae.

96. H. Gassiesiana Crosse. †

„T. subdepresso-conoidea, crassiuscula, parum nitens, subopaca (sub lente vix malleata, transversim et inconspicue raresulcata), sordide alba, unicolor; spira sat breviter conica, apice obtusulo; sutura leviter impressa; anfr. $4^1/_2$, subplanati, ultimus ad peripheriam obtuse carinatus, basi convexiusculus; apertura diagonalis, subtriangulari-semiovalis, intus lactea; peristoma simplex, lacteum, margine columellari sat brevi, callum circumscriptum lacteum emittente, et cum margine basali angulum formante, externo incrassato, versus medium dilatato. — Operc. albidum, zona lata castaneo-fulva terminatum. — Diam. maj. $4^1/_2$, min. $3^1/_2$, alt. $2^1/_2$ mill. Apert. vix 2 mill. longa, $1^1/_2$ lata.“ (C.)

Helicina Gassiesiana Crosse in Journ. Conch. XXII. 1874. p. 111. 184. t. 4. f. 6.

Habitat Mare, insularum „Loyalty“ dictarum (E. Marie).

97. H. Noumeensis Crosse. †

„T. turbinata, conica, tenuiuscula, parum nitens, sub lente transversim tenuissime striatula, lineis incrementi obsolete decussata, pallide violaceo-carnea; spira sat elevata, conica, apice obtusulo; sutura impressa; anfr. $4^1/_2$ planiusculi, ultimus spiram subaequans, ad peripheriam angulato-rotundatus; apertura diagonalis, subsemiovalis, intus concolor; peristoma simplex, carneo-albidum, margine columellari brevi, callum brevissime circumscriptum, lividum emittente et cum basali angulum formante, externo vix incrassato. — Operc. lividum. — Diam. maj. $2^3/_4$, min. $2^1/_4$, alt. vix 3 mill.“ (C.)

Helicina Noumeensis Crosse in Journ. Conch. XXII. 1874. p. 111. 186. t. 4. f. 7.

Habitat in vicinio civitatis Noumea Novae Caledoniae (E. Marie).

98. H. euglypta Crosse. †

„T. subdepressa, brevissime conoidea, tenuis, translucida, nitidula, costulis longitudinalibus, sat validis, regularibus, subflexuosis elegantissime sculpta, vivide fulvido-carnea, unicolor; spira brevis, vix turbinata, apice obtusulo; sutura valde impressa; anfr. $4^1/_2$ planiusculi, embryonales primi $1^1/_2$ laevigati, ultimus obtuse angulatus, basi subplanatus; apertura diagonalis, semicircularis, intus concolor; peristoma subincrassatum, carneo-albidum, margine columellari brevi, callum circumscriptum, livide carneum emittente, cum basali angulum formante, basali et externo subincrassatis. — Operc. nitidum, submargaritaceum. — Diam. maj. 4, min. 3, alt. $2^1/_2$ mill. Apert. $1^1/_2$ mill. longa, 1 lata.“ (C.)

Helicina euglypta Crosse in Journ. Conch. XXII. 1874. p. 119. 171. 204. t. 4. f. 4.

Habitat in vicinio civitatis „Fort de France“ insulae Martinique (Mazé).

§. 10.

99. Maugeriae Gray. (Coll. 44.) I. 348. II. 185. III. 223. — *Pease* in Amer. journ. conch. III. p. 227 var. major, solidior. — *Martens & Langk.* Don. Bismark. p. 61. t. 3. f. 22. — *Pease* in Proc. Zool.

Soc. 1871. p. 466 cum var. *albinea* *). — *Pätel* Cat. p. 125. — Var.: *Helicina rubicunda Pease* olim, ex *Garretti* sententia (Mus. Godeffr. cat. V. p. 99) bona species. — Ins. Raiatea.

100. Rohri Pfr. (Coll. 45.) I. 348. II. 185. III. 223. — *Pätel* Cat. p. 126. — *Helicina Marchionissa Hombr. & Jacq.?* (Nukahiwa.) — Ins. Marquesas, Raiatea.

101. H. flavescens Pease. †

„T. depresse conoidea, subsemiglobosa, solida, sub lente concentrice striata, striis distantioribus brevissime pilosis, straminea; spira obtusa; anfr. 4, convexiusculi, ultimus ad peripheriam carinatus, infra marginatus, basi convexus; columella simplex, callum albidum, circumscriptum retrorsum emittens; perist. simplex, brevissime reflexiusculum, crassiusculum; apertura late semilunaris, subtriangularis. — Diam. 6, alt. 3 mill." (P. 1867.)

Helicina pacifica Harper Pease in Amer. journ. conch. I. 1865. p. 291 **); II. t. 5. f. 7.

— *flavescens Pease* in Amer. journ. conch. III. 1867. p. 228. t. 15. f. 25; Proc. Zool. Soc. 1871. p. 467.

Habitat in insula Mangain Polynesiae.

Obs. Auctor speciem *H. Küsterianae Pfr.* affinem declarat.

102. H. Brazieri Pease. †

„T. solida, subglobosa, laevis, concentrice tenuiter striata; sutura vix impressa; anfr. 5, plano-convexi, anfr. ultimus ad peripheriam carinatus; apertura parva, semilunaris, superne juxta labrum extrinsecus constricta; perist. callosum; callum basale tenue; straminea aut rufescens. — Diam. 5, alt. 4 mill." (P.)

Helicina Brazieri Harper Pease in Journ. Conch. XVIII. 1870. p. 397.

Habitat in insula Niue (Brazier).

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103. albolabris Hombr. & Jacq. † II. 185. III. 223. — *Helicina tenuiscula Pease* mss. — Taheiti.

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*) „T. crassa, lenticularis, sublaevigata, vix nitida, tenuissime radiatim et arcuatim striata, albida, supra lineis 1—2 rufescentibus cingulata, infra albida; spira depressa, obtusa, plerumque pallide flavescens; anfr. 5, planulati, indistincte marginati; ultimus basi convexus, subtus ad peripheriam distincte marginatus; apertura lunaris, intus pallide straminea; peristoma intus callosum, albidum; callus basalis tenuis, albidus. — Diam. $12^1/_2$, alt. $5^1/_2$ mill."

**) „T. conoidalis, lutea, solida, crassa, spiraliter striata, apice obtusa; anfr. 4, plano-convexis, ultimo ad peripheriam angulato; apertura subtriangularis; labro crasso, vix everso. — Diam. 6, alt. 4 mill. — Ouland Island."

104. crassilabris Phil. I. 349. II. 186. III. 223. — *Pätel* Cat. p. 125: ins. Sandwich. — Venezuela?
105. solidula Gray. (Coll. 46.) I. 349. II. 186. III. 223. — *Pätel* Cat. p. 126. — *Emoda solidula Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 879: Taiti. — Ins. Elizabethae.

106. H. Rawsoni Pfr.

T. solida, conoidea, striatula et sub lente striolis minutissimis antrorsum descendentibus sculpta, fusculo-rubra, prope suturam taenia rubra luteo-articulata et ad peripheriam fascia angusta lutea ornata; spira conoidea, acutiuscula; anfr. fere 5 vix convexiusculi, celeriter accrescentes, ultimus peripheria carinatus, subtus convexior, medio callo circumscripto pallido munitus; apertura obliqua, subtriangulari-semiovalis; columella compressa, antrorsum subdentata; perist. subrectum, incrassatum, obtusum. — Operc.? — Diam. maj. $7^1/_2$, min. 6, alt. $4^1/_2$ mill. (Coll. Nr. 47.)

Helicina Rawsoni Pfr. in Malak. Bl. XIV. 1867. p. 165.

Habitat in insula Inagua Bahamensium (Dr. Bryant).

107. H. colorata Pease. †

„T. solida, crassa, orbiculata, depressa, oblique tenuistriata, concentrice tenuiter striata; spira obtusa; anfr. 4, planoconvexis, ultimo ad peripheriam carinato, infra marginato; callo basali tenui, flavido; labro subincrassato; apertura late lunaris; omnino straminea aut rubra, interdum fasciata. — Diam. 5, alt. 3 mill.“ (P.)

Helicina colorata Harper Pease in Amer. journ. conch. IV. 1868. p. 156. t. 12. f. 9.
— *Annaaensis Mouss.* (conf. Nr. 109.) ex *Pease* in Journ. Conch. XVIII. 1870. p. 398; Proc. Zool. Soc. 1871. p. 467.

Habitat in insula Annaa Polynesiae.

108. H. culminans Mousson. †

„T. parvula, conico-semiglobosa, oblique striatula, flavida seu carneo-albida. Spira convexo-conica; summo obtuso, aurantio; sutura lineari, vix impressa. Anfr. $4^1/_2$ modice accrescentes, planiusculi; ultimus major, paulo descendens, supra declivis, ad carinam albam filiformem impressiusculus, ad basin plane conicus, secundum carinam profunde impressus. Apert. obliqua (50° cum axi), obtuse triangularis, flavescens. Perist. minime expansum, obtusiusculum; margine dextro supra

carinam leviter sinuato et reflexiusculo; basali arcuato; columellari calloso, in laminam parietalem circularem, parvulam transeunte. — Alt. 5, diam. 7 mill. — Rat. anfr. 2:1. — Rat. apert. 1:1." (M.)

Helicina culminans Mouss. in Journ. Conch. XIX. 1871. p. 26. t. 3. f. 10.

Habitat in culmine insulae Vavao (Gräffe).

109. H. Anaaensis Mousson. †

„T. conoideo-depressa, solida, striatula, nitida, flavo-alba. Spira convexe conoidea, regulariter accrescens; summo minute prominulo; sutura lineari, subimpressa. Anfr. $4^1/_2$ planiusculi; ultimus ad aperturam paulo descendens, subdilatatus, oblique impressus, carinatus, subtus planularis, ad carinam filo-impressus. Apertura satis obliqua, spiram paulo superans, obtuse triangularis, alba. Perist. acutum, obtusum, labiatim incrassatum; margine dextro supra protracto; columellari brevissimo, calloso, callo parietali nitido, circulariter arcte expanso. — Altit. 3,1, diam. 5,7 mill. — Rat. anfr. 5:2. — Rat. apert. 5:4." (M.)

Helicina Anaaensis Mouss. in Journ. Conch. XVII. 1869. p. 66. t. 5. f. 6.
— — *Pätel* Catal. p. 125.

Habitat Anaa insularum Paumotou (Garrett).

Obs. Synonymam *H. coloratae Pease* 1868 declarat Pease in *Crosse* Journ. XVIII. p. 398. Conf. Nr. 107.

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110. lens Lea. † I. 350. II. 186. III. 223. — Ins. Feejee.

111. uberta Gould. (Coll. 48.) I. 367. II. 186. III. 223. — *Pätel* Cat. p. 126. — *Helicina constricta Pfr.* (I. 350), *rhodostoma Migh.* — Ins. Sandwich.

112. H. Bryanti Pfr.

T. conica, solida, spiraliter subconferte sulcata, alba vel pallide carnea; spira conoidea, vertice minuto, papillaeformi, nitido; sutura carinato-marginata; anfr. 5 plani, ultimus carinatus (carina antice evanescente), basi convexiusculus, medio callo tenui obductus; apertura diagonalis, subtriangularis, intus aurantiaco-rubra; columella simplex, subreflexa; perist. rectum, obtusum. — Operc. solidum, pallidum. — Diam. maj. fere 5, min. $4^1/_3$, alt. $3^1/_2$ mill. (Coll. Nr. 49.)

Helicina Bryanti Pfr. in Malak. Bl. XIV. 1867. p. 165.
— — *Pätel* Catal. p. 125.

Habitat in insula Inagua Bahamensium (Dr. Bryant).

Obs. Species affinis *H. candidae Pfr.* et *littoricolae Gundl.*, sed differt carina, qua anfractus plani gradati apparent, sculptura et callo basali tenui.

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113. lenticularis Sow. † I. 350. II. 186. III. 223. — Ins. Oceani pacifici.

§. 11.

114. jucunda Gundl. (Coll. 50.) III. 223. — *Pätel* Cat. p. 125. — Cuba.

115. H. Binneyana Pfr.

T. conica, solidula, laevigata, vix striatula, cornea, fascia cretacea peripherica, utrinque rufo-marginata, ornata; spira convexo-conica, acutiuscula; sutura impressa, pallida; anfr. $5^1/_2$ vix convexiusculi, ultimus convexior, antice deflexus et constrictus, basi callo tenui, subcircumscripto munitus; apertura diagonalis, semiovalis; perist. simplex, margine dextro perarcuato, expanso, basali cum columella brevissima angulum subrectum formante. — Operc.? — Diam. maj. $6^1/_2$, min. 6, alt. fere 6 mill. (Coll. Bland.)

Helicina Binneyana Pfr. in Malak. Bl. XIII. 1866. p. 90.

Habitat in insula Haiti.

§. 12.

116. Cumingiana Pfr. I. 359. II. 192. III. 224. — *Bland* in Ann. Lyc. New-York XI. Jun. 1875. p. 150. — *Helicina Cumingii Sow.* Thes. III. 1866. Nr. 165. f. 282. 283. — *Reeve* Conch. ic. n. 62. t. 8. — Haiti (Packhurst).
117. malleata Pfr. (Coll. 51.) III. 224. — Ponton insulae Haiti.

118. H. Gabbi Crosse & Newcomb. †

„T. subconoideo-globosa, solida, sublaevigata, sed hic et illic quasi malleata, nitidula, purpureo-rufescens; spira parvula, brevissime conica, apice obtusulo; sutura leviter impressa; anfr. $4^1/_4$ convexiusculi, primi 3 purpurei, ultimus subinflatus, rotundatus, purpureo-rufescens, ad peripheriam zona angusta, pallide lutea cingulatus, infra medium et basi nitidior; apertura obliqua, semiovalis, intus pallide purpurascens, zona anfractus ultimi transmeante; peristoma album, margine columellari arcuato, brevi, plano, basi in nodulum desinente, callum emittente crassum, circumscriptum, nitidum, coeruleo-albidum, basali et externo reflexiusculis, subincrassatis, ad limbum albidis. —

Operc. haud crassum, tenuissime subgranulato-rugosum, submargaritaceo-rufescens. — Diam. maj. 17, min. $14^1/_2$, alt. 13 mill. — Apert. cum peristomate 10 mill. longa, 6 lata." (C.)

Helicina Gabbi Crosse & Newcomb mss.

— — *Crosse* in Journ. Conch. XXI. 1873. p. 354; XXII. 1874. p. 87. t. 1. f. 4.

Habitat Samana in regione Dominicana insulae Haiti (Dr. Newcomb).

Obs. Species *H. malleatae Pfr.* statura sat vicina, sed minus globosa, nitidior, colore et zona peripherica distinguenda. Zona pallida anfractus ultimi *H. submarginatam Grayi* et *H. pulcherrimam Leai* commemorat.

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119. Faustini Weinland. (Coll. 52.) III. 224. — Haiti.
120. adspersa Pfr. (Coll. 53.) I. 359. II. 192. III. 225. — *Pätel* Cat. p. 125. — *Helicina variegata* et *marmorata Orb.*, *ornata Fér.*, *neritoidea Beck.* — Var.: *Helicina tenuilabris Pfr.* I. 364. — Cuba.
121. ampliata C. B. Adams. I. 371. II. 192 (emend.). III. 225. — Jamaica.
122. striata Lam. (Coll. 54.) I. 361. II. 192. III. 225. — *Pätel* Cat. p. 126. — Portorico.
123. Funcki Pfr. I. 361. II. 192. III. 225. — *Helicina Tunki Ad.* — Nova Granada.
124. neritella Lam. (Coll. 55.) I. 362. II. 192. III. 225. — *Gloyne* in Journ. Conch. XX. p. 43. — *Pätel* Cat. p. 125. — Var.? *Helicina subovalis Sow.*, *Reeve* Conch. ic. n. 184. Conf. *Bland* in Journ. Conch. XXIII. 1875. p. 252. — Jamaica.
125. MacMurrayi Pfr. (Coll. 56.) III. 225. — Jamaica? Trinidad?
126. Cordillerae Sallé. (Coll. 57.) II. 193. III. 225. — *Pätel* Cat. p. 125. — Respubl. mexicana.
127. Neebiana Pfr. (Coll. 58.) III. 225. — Cuba.
128. Iris Weinland. (Coll. 59.) III. 126. — Haiti.

129. ? H. Smithiana Pfr.

T. subconoideo-depresso-globosa, tenuis, levissime striatula, nitida, pallide sulphurea vel fusco-rubescens; spira parvula, vix conoideo-convexa; anfr. $4^1/_2$ convexiusculi, ultimus magnus, depresso-rotundatus, basi callo albido circumscripto munitus; columella recedens, complanata, basi extrorsum curvata; apertura obliqua, late semiovalis, juxta columellam plica approximata, parallela canaliculata; perist. simplex, margine dextro expansiusculo, superne antrorsum curvato, basali reflexiusculo, leviter arcuato, cum columella angulum subacutum formante. — Operc.? — Diam. maj. 9, min. 7, alt. $5^1/_2$ mill. (Coll. Nr. 60.)

Helicina Smithiana Pfr. in Malak. Bl. XIII. 1866. p. 90.

Habitat in insula Haiti.

Obs. Conf. *Helicina intusplicata Pfr.* (Nr. 135), cui nimis affinis videtur.

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130. retracta Poey. (Coll. 61.) II. 194. III. 226. — Cuba.
131. delicatula Shuttl. † II. 193. III. 226. — Respubl. mexicana.
132. Jamaicensis Sow. (Coll. 62.) I. 363. II. 193. III. 226. — *Gloyne* in Journ. Conch. XX. p. 44. — *Pätel* Cat. p. 125. — Jamaica.

133. H. nemoralis Guppy. †

„Testa subgloboso-conica, tenuis, laevigata, albida, laete straminea aut rubella, fascia suturali castanea vel rubra, in anfractu ultimo omnino evanescente, interdumque fascia latiore lutea vel rubra anfractus ultimi ornata; spira conica, mucronata, apice saturate rubra; anfr. 5, convexi, subcarinati, subtus planulati; apertura obliqua; columella terminata in nodum indistinctum, retrorsum in callum tenuem circumscriptum diffusum; perist. tenue, album, expansum et reflexum. — Operc. subtestaceum, saturate sanguineum, exceptis nucleo et margine extremo corneis diaphanis. — Alt. 0,27, lat. max. 0,42 poll.“ (G. angl. 1864.)

Helicina zonata Guppy in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 247. Non *Less.*

— *nemoralis Guppy* ibid. XVII. 1866. p. 46.

Habitat in insula Trinidad.

Obs. „Species affinis *H. jamaicensi;* facile distinguenda colore, fascia castanea supra-suturali, etc.“ (Guppy 1866.) — Vix ab *H. columbiana Phil.* distinguenda: *Bland* in Ann. Lyc. New-York XI. p. 87.

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134. aurantia Gray. (Coll. 63.) I. 363. II. 193. III. 126. — *Gloyne* in Journ. Conch. XX. p. 44. — *Pätel* Cat. p. 125. — *Helicina pyrrhostoma Menke.* — Jamaica.
135. intusplicata Pfr. I. 364. II. 193. III. 226. — *Sow.* Thes. III. Nr. 37. f. 60. 61. — *Reeve* Conch. ic. t. 4. f. 25. — *Bland* in Ann. Lyc. New-York XI. 1875. p. 149. (Synon. *H. Smithiana Pfr.*) — Haiti.
136. bulla Pfr. I. 364. II. 194. III. 226. — Habitat?
137. pellucida Sow. † I. 365. II. 194. III. 226. — Guyana gallica.
138. electrina Pfr. III. 226. — *Wallace* in Proc. Zool. Soc. 1865. p. 414: Batchian. — Ins. Aroo. (Mus. Cum.)
139. sphaeroidea Pfr. II. 194. III. 226. — *Pätel* Cat. p. 126. — Loyalty Island, Oceani australici.
140. concinna Gundl. (Coll. 64.) II. 194. III. 226. — *Pätel* Cat. p. 125. — Cuba.

141. globulosa Orb. (Coll. 65.) I. 365. II. 200. III. 226. — *Pätel* Cat. p. 125. — *Helicina vittata Gould.* — Cuba.

142. oleosa Pfr. (Coll. 66.) I. 366. II. 195. III. 226. — *Pätel* Cat. p. 125. — Haiti.

143. parva Sow. I. 367. II. 195. III. 226. — *Martens* Ostas. Zool. II. p. 171 *). t. 4. f. 22; Malak. Bl. XX. 1872. p. 161 (Celebes). — *Helicina pulla Mart., Pfr.* III. 218: Halmahera et Batjan. — Ins. Zebu Philippinarum. (Sow.)

144. transparens Weinland. (Coll. 67.) III. 227. — Haiti.

145. H. Bocourti Crosse & Fischer. †

„Testa subgloboso-conoidea, solidula, sub lente vix obsolete striatula, nitidula, albida, fasciis spiralibus 2, latiusculis, rubellis superne cincta; spira mediocriter elata, apice obtusulo; sutura leviter impressa, linearis; anfr. $4^1/_4$ vix convexiusculi, lente accrescentes, primi 2 pallide luteo-rubelli, fasciis carentes, ultimus antice vix descendens, rotundatus, basi leviter subplanatus, livide carneus; apertura obliqua, semiovalis, altior quam latior, intus fuscula, fasciis anfractus ultimi transmeantibus; columella brevis, basi subtruncata, callum parvum, livide griseum, luteo obscure circumscriptum emittens; perist. simplex, vix brevissime reflexiusculum. — Diam. maj. 5, min. $4^1/_2$, alt. $3^1/_2$ mill.“(Cr.)

Helicina Bocourti Crosse & Fisch. in Journ. Conch. XVII. 1869. p. 251.

Habitat Belize Americae centralis (Bocourt).

Obs. „Species *H. Dysoni Pfr.* valde affinis, sed minor, solidior, magis globosa, minus distincte striatula, fasciis latioribus, magis conspicuis et colore discrepans.“

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146. flammea Quoy & Gaim. † I. 367. II. 195. III. 227. — Ins. Tonga.

147. musiva Gould. † I. 368. II. 195. III. 227. — *Mouss.* in Journ. Conch. XIII. 1865. p. 178 (var. *Uveana*, radiis indistinctis picta); XVII. 1869. p. 357 (Tutuila, Savai); XVIII. 1870. p. 202 var. *Vitiana* **) et *subcarinata* ***) (ins. Feejee); XIX. 1871. p. 25 (Uea,

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*) „Testa globosa, leviter striatula, nitida, lutea vel rubella; spira convexo-conica, brevis, obtusa; anfr. 4, sutura mediocriter impressa, superiores vix convexi, ultimus rotundatus, basi inflatus, ad aperturam descendens; apertura parum obliqua, semicircularis; peristoma breviter reflexum, prope suturam rectum, albidum; margo columellaris brevissimus; callus sat magnus, gibbus, luteus. — α. Lutea, apice rubicunda. — β. Aurantio-rubens, basi et apice lutea. — Diam. maj. 7, min. $5^1/_2$, alt. 5; apert. long. 2, lat. s. alt. $3^1/_2$ mill. — Synon.? *Helicina guttula Pfr.*“ (v. M.)

**) „Depressior, distincte angulata, callo basali arcuatim definito, apertura magis obliqua.“

***) „Lenticularis, subacute angulata, anfractibus lineis minutis, obsolete incisis, callo basali pertenui, vix definito, minute ruguloso.“

Vavao, Tongatabou); XXI. 1873. p. 107 var. *rotundata* *) (ins. Ellice). — *Helicina musica Pätel* Cat. p. 125. — Ins. Manoa, Upolu, etc.

148. fragilis Morelet. † I. 368. II. 195. III. 227. — Guatemala.
149. pudica Drouët. † III. 227. — Ins. Martinique.
150. japonica A. Adams. † III. 227. — Tabu-Sima Japoniae.

§. 13.

151. globosa Gray. (Coll. 68.) I. 358. II. 195. III. 228. — *Pätel* Cat. p. 125. — Var.: *Helicina mucronata Menke.* — Haiti.
152. egregia Pfr. II. 195. III. 228. — Ins. Salomonis.
153. Tamsiana Pfr. (Coll. 69.) I. 365. II. 195. III. 228. — *Pätel* Cat. p. 126. — Venezuela.
154. exserta Gundl. (Coll. 70.) III. 228. — *Pätel* Cat. p. 125. — Cuba.
155. sordida King. † I. 366. II. 195. III. 228. — Brasilia.
156. arenicola Morelet. (Coll. 71.) I. 366. II. 196. III. 228. — *Pätel* Cat. p. 125. — Yucatan.
157. Yorkensis Pfr. III. 228. — *Cox* Mon. Austr. landsh. p. 108. t. 17. f. 16. 16 a. b. — Cape York Australiae.

§. 14.

158. columellaris Gundl. (Coll. 72.) II. 196. III. 229. — *Pätel* Cat. p. 125. — Cuba.
159. Blandiana Gundl. (Coll. 73.) II. 196. III. 229. — *Pätel* Cat. p. 125. — Cuba.
160. jugulata Poey. (Coll. 74.) II. 196. III. 229. — *Helicina jugularis Pätel* Cat. p. 125. — Cuba.
161. acuminata Velasquez. (Coll. 75.) I. 370. II. 197. III. 229. — *Helicina lutescens Newc.* — Cuba.
162. elongata Orb. (Coll. 76.) II. 200. III. 229. — *Pätel* Cat. p. 125. — Cuba.
163. chrysocheila Binn. † II. 197. III. 229. — *Binn.* Landsh. North-Am. III. p. 110. f. 219. — *Tryon* in Amer. journ. conch. IV. p. 13. t. 18. f. 24. — Texas et Tampico reipubl. mexicanae.
164. turbinata Wiegm. (Coll. 77.) I. 370. II. 197. III. 229. — *Martens* in Malak. Bl. XII. 1865. p. 6. — *Tate* in Amer. journ. conch. V. Nr. 3. p. 159: Nicaragua. — *Strebel* Abh. Nat. Ver. Hamb. VI. 1. 1873. p. 13. t. 1 a. t. 2. f. 6. — *Pätel* Cat. p. 126. — *Helicina zephyrina var. Sow.* — Respubl. mexicana.
165. Deppeana Martens. III. 229. — Respubl. mexicana.
166. Sandozi Shuttl. † II. 97. III. 229. — Respubl. mexicana.
167. zephyrina Duclos. (Coll. 78.) I. 371. II. 198. III. 229. — *Pätel* Cat. p. 126. — *Helicina Ambeliana Sow.* — Respubl. mexicana.
168. Berendti Pfr. (Coll. 79.) III. 230. — *Helicina turbinata var. Strebel* Abh. Nat. Ver. Hamb. VI. 1. p. 14? — Veracruz reipubl. mexicanae.
169. Chiapensis Pfr. (Coll. 80.) II. 198. III. 230. — *Pätel* Cat. p. 125. — Respubl. mexicana.
170. Sprucei Pfr. II. 198. III. 230. — Tarapoto Peruviae.

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* „Tenuior, fasciis radiatis pallidioribus, saepe concolor, cornea; peripheria non angulata, arcte rotundata.“

171. spectabilis Gundl. (Coll. 81.) III. 230. — *Pätel* Cat. p. 126. — *Reeve* Conch. ic. n. 147 et *Helicina polychroa Reeve* ibid. n. 153. — Cuba.
172. tenuis Pfr. I. 372. II. 199. III. 230. — Yucatan.
173. vernalis Morelet. (Coll. 82.) I. 372. II. 199. III. 230. — *Pätel* Cat. p. 126. — Guatemala.
174. Oweniana Pfr. (Coll. 83.) I. 373. II. 199. III. 230. — *Pätel* Cat. p. 125. — Var.: *Helicina coccinostoma Morelet.* — Respubl. mexicana.
175. phasianella Sow. (Coll. 84.) II. 199. III. 230. — *Pätel* Cat. p. 125. — *Helicina fasciata Shuttl.?* Conf. *Bland* in Journ. Conch. XXIII. 1875. p. 251. — Portorico, Vieque, St. John; var. Haiti (Gill).
176. bellula Gundl. (Coll. 85.) III. 231. — *Pätel* Cat. p. 125. — Cuba.
177. rotunda Orb. (Coll. 86.) I. 357. II. 199. III. 231. — *Pätel* Cat. p. 126. — *Helicina campanula Pfr.* olim. (I. 374.) — Cuba.
178. platychila (Helix) Mühlf. (Coll. 87.) I. 354. II. 199. III. 231. — *Pätel* Cat. p. 126. — *Helicina unicolor Fér.*, *neritella Pot. & Mich.?*, *lutea Sow.?* — Guadeloupe.
179. tropica Jan. (Coll. 88.) I. 374. II. 199. III. 231. — *Pätel* Cat. p. 126. — Texas, Orizaba (Botteri).
180. orbiculata (Oligyra) Say. (Coll. 89.) I. 375. II. 199 (emend.). III. 231. — *Binn.* Amer. landsh. III. p. 108. f. 377. (plura complectens.) — *Tryon* in Amer. journ. conch. IV. p. 12. t. 18. f. 17—19. 26. — *Pätel* Cat. p. 125. — *Helicina rubella Green?* (a *Binney* ad *H. occultam* relata). — Junior: *Helicina vestita Guild.*, *castanea Sow.?* — Florida, Alabama, Georgia.
181. elata Shuttl. (Coll. 90?) II. 201. III. 231. — Respubl. mexicana.

182. H. Kühni Pfr.

T. globoso-conica, tenuis, levissime striatula, sublaevigata, nitida, pellucida, rubello-succinea; spira conoidea, vertice acutiusculo, sutura impressa; anfr. 5 vix convexiusculi, ultimus spiram subaequans, globosior; callus basalis tenuis, diffusus; apertura fere diagonalis, subtriangulari-semiovalis; perist. vix incrassatum, album, margine dextro anguste expanso, basali reflexiusculo, extrorsum subdilatato, ad junctionem cum columella brevissima denticulum obsoletum formante. — Operc. tenuiusculum, concolor. — Diam. maj. $5^2/_3$, min. 5, alt. 4 mill. (Coll. Hartvig.)

Helicina Kühni Pfr. in Malak. Bl. XIX. 1872. p. 76. t. 2. f. 11—13.

Habitat Surinam, lecta in monte Bergendal ad fluvium Suriname superiorem (Kühn).

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183. pygmaea Pot. & Mich. (Coll. 91?) I. 377. II. 201. III. 231. — Haiti.
184. trochulina Orb. (Coll. 92.) I. 377. II. 201. III. 231. — *Pätel* Cat. p. 126. — *Reeve* Conch. ic. n. 138 et *Helicina alta Sow.*, *Reeve* ibid. n. 142. — Cuba? (Orb.); Portorico.

§. 15.

185. Reeveana Pfr. (Coll. 93.) I. 374. II. 201. III. 231. — *Pätel* Cat. p. 126. — Cuba.
186. riparia Pfr. II. 201. III. 231. — Nova Granada.
187. merdigera Sallé. II. 202. III. 231. — Respubl. mexicana.
188. Paraënsis Pfr. III. 232. — Para Brasiliae.
189. Antoni Pfr. (Coll. 94.) I. 377. II. 202. III. 232. — *Oligyra Antoni Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 879: Taiti? — Honduras.

§. 16.

190. sinuosa Pfr. I. 369. II. 202. III. 232. — Respubl. mexicana?
191. Heloisae Sallé. (Coll. 95.) II. 202. III. 232. — *Pätel* Cat. p. 125. — Respubl. mexicana.
192. notata Sallé. (Coll. 96.) II. 203. III. 232. — Respubl. mexicana.
193. haemastoma Moric. (Coll. 97.) I. 373. II. 203. III. 232. — Brasilia.
194. raresulcata Pfr. (Coll. 98.) III. 228. — *Strebel* Abh. Nat. Ver. Hamb. VI. 1. p. 19. t. 2. f. 9. 9 a. — Respubl. mexicana.
195. chrysocheila Shuttl. † II. 203. III. 232. — Respubl. mexicana.

196. H. Gloynei Bland. †

„T. subglobosa, tenuis, pellucida, pallide cornea, epidermide lineis spiralibus, confertis, pilosulis induta, sub epidermidem nitida, striatula, lineis microscopicis concentricis decussatula; spira parum elevata, apice acutiuscula, rufescente; anfr. 4½, convexiusculi, ultimus rotundatus, seriebus 5 angustis fusco-pilosis longioribus ornatus, basi impressus; columella breviter recedens, compressa, alba, callum tenuem, album emittens; apertura vix obliqua, semicircularis; perist. tenue, margine dextro breviter reflexo, basali cum columella angulum formante. — Operc.? — Diam. maj. 9, min. 7, alt. 5 mill." (B.)

Helicina Gloynei Bland in Ann. Lyc. New-York X. (Apr. 1872) p. 186.
Conf. *Gloyne* in Journ. Conch. XX. 1872. p. 44.

Habitat New Castle insulae Jamaicae (Gloyne).

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197. Hanleyana Pfr. I. 375. II. 203. III. 232. — *Binn.* Amer. landsh. III. p. 110. f. 218. — *Tryon* in Amer. journ. conch. IV. p. 13. t. 18. f. 22. 23. — New-Orleans (Sallé).

198. H. Lizardensis Cox. †.

„Testa globoso-conica subtrochiformis, solidula, nitida, striis regularibus spiralibus et radiantibus subtilibus decussata,

albida, fascia unica lata flava ornata; spira late conica, apice obtusa; anfr. 5, planulati, ultimus peripheria rotundatus; callus basalis magnus, tenuis, granulatus, partim sulco circumscriptus; apertura diagonalis, subtriangularis; perist. album, leviter incrassatum et expansum, superne angulare, rotundatim extrorsum productum et arcuatim cum columella junctum. — Operc. rubello-corneum. — Diam. max. 0,25, min. 0,23, alt. 0,21 poll." (C. angl.)

Helicina Lizardensis Cox Monogr. Austr. landsh. p. 107. t. 17. f. 12. 12a—c.

Habitat Lizard Island Australiae (MacGillivray).

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199. flavida Menke. (Coll. 99.) I. 376. II. 203. III. 232. — *Strebel* Abh. Nat. Ver. Hamb. VI. 1. p. 16. t. 1. f. 10. t. 2. f. 10. — *Pätel* Cat. p. 125. — *Helicina Ambieliana Boiss.*, *trossula Morelet.* — Respubl. mexicana, Guatemala.

200. Strebeli Pfr. (Coll. 100.) III. 232. — *Strebel* Abh. Nat. Ver. Hamb. VI. 1. p. 18. t. 1. f. 11. t. 2. f. 11. — *Pätel* Cat. p. 126. — Respubl. mexicana.

201. brevilabris Pfr. (Coll. 101.) II. 204. III. 232. — Respubl. mexicana.

§. 17.

202. maxima Sow. I. 378. II. 204. III. 232. — *Pätel* Cat. p. 125. — Jamaica? Dubitat *Gloyne* in Journ. Conch. XXIII. 1875. p. 126.

203. nobilis C. B. Adams. † I. 378. II. 204. III. 232. — *Pätel* Cat. p. 125. — Jamaica.

204. citrina Grat. (Coll. 102.) I. 379. II. 204. III. 233. — *Pätel* Cat. p. 125. — *Helicina polita Sow.* — *Pachystoma citrina Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 879. — Ins. Philippin.

205. Crossei Semper. (Coll. 103.) III. 233. — *Pätel* Cat. p. 125. — Ins. Luzon.

206. **H. Martensi Issel.** †

„Testa depresso-conoidea, in medio subangulata, crocea, oblique subtilissime striatula, paulum nitens; spira convexe conica, obtusa; anfractus 5 fere plani, ultimus basi convexus, ad aperturam non descendens; apertura paululum obliqua, semicircularis; peristoma albidum, reflexum, margine dextro prope insertionem paulum producto; columella brevis; callus tenuis, pallidus. Operculum semicirculare, luteum. — Diam. maj. 7, min. 6, altit. 5; apert. long. 3, lat. $2^1/_2$ mill." (I.)

Helicina citrina var. minor? Martens in Malak. Bl. XX. 1873. p. 161.

— *Martensi Issel* Moll. Born. p. 81. t. 6. f. 23—25.

— — *Pätel* Catal. p. 125.

Habitat in insula Labuan prope Borneo.

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207. sylvatica Orb. I. 382. II. 204. III. 233. — Bolivia.
208. fasciata Lam. (Coll. 104.) I. 382. II. 204. III. 232. — *Helicina picta Fér.* Conf. *Bland* in Journ. Conch. XXIII. 1875. p. 251. — *Helicina rotellaris Menke.* — Ins. Martinique, Guadeloupe.
209. versicolor Pfr. (Coll. 105.) I. 383. II. 204. III. 233. — *Helicina viridis (Lam.? [Pfr.* I. 397 adnot.], *Gray, Sow.) Martens* in Malak. Bl. XII. 1865. p. 174. Conf. *Pfr.* ibid. p. 175. — Haiti.
210. Dysoni Pfr. (Coll. 106.) I. 384. II. 204. III. 233. — *Pätel* Cat. p. 125. — *Helicina barbata Guppy* in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 247 *); XVII. 1866. p. 47. Conf. *Bland* in Amer. journ. conch. IV. p. 179. — Honduras, ins. Trinidad (Guppy).
211. foveata Pfr. (Coll. 107.) II. 204. III. 233. — *Pätel* Cat. p. 125. — Ins. St. Thomas, Vieque.
212. sublaevigata Pfr. (Coll. 108.) I. 384. II. 205. III. 233. — *Pätel* Cat. p. 126. — Nov. Hebrid.

213. H. guttula Pfr.

T. conoideo-depressa, tenuis, laevigata, nitida, citrina, sursum plerumque rufescens; spira breviter conoidea, vertice minuto; anfr. $4^{1}/_{2}$ convexiusculi, celeriter accrescentes, ultimus peripheria rotundatus, basi callo circumscripto munitus; columella subarcuata, basi prominula; apertura obliqua, triangulari-semiovalis; perist. tenue, margine dextro ad insertionem angustissimo, tum sensim dilatato-expanso, basali subarcuato. — Operc. papyraceum. — Diam. maj. $6^{1}/_{2}$, min. $5^{1}/_{2}$, alt. 4 mill. (Coll. Nr. 109.)

Helicina guttula Pfr. in Malak. Bl. XII. 1865. p. 124.
— — *Pätel* Catal. p. 125.

Habitat in insulis Moluccis (Lorquin).

Obs. Conf. *Helicina parva Sow., Mart.* Nr. 143.

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214. diaphana Pfr. I. 384. II. 205. III. 233. — Honduras.
215. granulum Gundl. III. 233. — Cuba.

§. 18.

216. Antillarum Sow. (Coll. 110.) I. 380. II. 205. III. 234. — *Pätel* Cat. p. 125. — Var.: *Helicina Mazei Crosse* in Journ. Conch.

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*) Shell globose-turbinate, thin, smoth, zoned with about three chestnut or red bands, covered with a hairy periostraca; spire depressed conic; whorls 5, convex, flattened beneath; aperture oblique, semilunar; columella terminating in an indistinct knot dilated backwards into a thin callus; peristome narrowly expanded; right margin slightly sinuate above. Operculum thin, concave, pale, diaphanous, blood-red towards the outer margin. — Height 0,2, greatest breadth 0,32 inch. — Frequentissima in insula Trinidad."

XXII. 1874. p. 118 *), *Antillarum β Crosse* ibid. p. 203. t. 4. f. 5. — Ins. Antill., var. β in loco „Massif des Pitons“ dicto insulae Guadeloupe (Mazé).

217. rufa Pfr. (Coll. 111.) II. 205. III. 234. — Haiti.

218. oresigena Orb. † I. 382. II. 205. III. 234. — Bolivia.

§. 19.

219. similis Sow. † I. 379. II. 205. III. 234. — Guadeloupe.

220. fulva Orb. (Coll. 112.) I. 381. II. 205. III. 234. — Bolivia.

221. Brasiliensis Gray. (Coll. 113.) I. 381. II. 205. III. 234. — *Hidalgo* Mol. viaje Pacif. p. 150 **). — *Pätel* Cat. p. 125. — *Helicina Menkeana Phil.*, *fasciata Deless.* — Brasilia.

222. Macgillivrayi Pfr. (Coll. 114.) II. 206. III. 234. — *Pätel* Cat. p. 125: Nov. Hebrid. — Ins. Oceani australici.

223. Küsteriana Pfr. I. 385. II. 206. III. 234. — Taheiti.

224. Louisiadensis Forb. I. 385. II. 206. III. 234. — Archipel. Louisiadensis.

225. granum Pfr. (Coll. 115.) II. 206. III. 234. — *Pätel* Cat. p. 125. — Cuba.

§. 20.

226. Sowerbyana Pfr. I. 385. II. 206. III. 234. — Guatemala.

227. remota Poey. (Coll. 116.) III. 234. — *Pätel* Cat. p. 126. — Cuba.

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*) „T. subdepresse conoidea, tenuiuscula vel solidula, suboblique minute striata, sub lente vix transversim et oblique subtiliter decussatula, saturate purpureo-rubescens; spira breviter turbinata, apice obtusulo; sutura leviter impressa; anfr. 4—4$^1/_2$ planiusculi, regulariter accrescentes, ultimus magnus, rotundatus, ad peripheriam obsolete subangulatus et zona angusta macularum albidarum plus minusve conspicua cinctus, basi maculis albis, numerosis (interdum fulguratis) conspersus; apertura subsemiovalis, intus purpurea, zona albida anfractus ultimi vix transmeante; peristoma simplex, intus subincrassatum, reflexum, pallide aurantium, margine columellari brevi, callum luteo-viridulum emittente, cum basali angulum formante, externo versus medium subdilatato, ad insertionem attenuato. — Operc. saturate fuscum. — Diam. maj. 15, min. 12, alt. 9 mill. Apert. 8 mill. longa, 6$^1/_2$ lata.“ (C.)

**) „Testa depresso-conoidea, tenuiuscula, vix nitida, subpellucida, sub lente lineis spiralibus et striis subtilissimis longitudinalibus confertim sculpta; lutescens, flavida vel carnea; spira breviter conoidea, acutiuscula; sutura vix impressa; anfr. 4$^1/_2$, vix convexiusculi, rapide accrescentes, ultimus peripheria obsolete angulatus, basi convexus, antice non descendens; columella brevis, recta, vix obliqua, lineam arcuatam impressam retrorsum emittens; apertura parum obliqua, semiovalis, intus concolor; perist. album, rectangule expansum, plus minus incrassatum, interdum duplicatum, cum columella angulum rectum subdentiformem formans; callus basalis tenuissimus. — Operculum corneum, laevigatum, rubrum. — Diam. maj. 7, min. 6, alt. 4 mill. — Var.: testa major, solidula, sordide albida, peristomate varicoso. *(H. sordida King?)*“

228. H. peruviana Morelet. †

„T. depresse conoidea, tenuicula, nitida, subpellucida, minutissime striata et concentrice lirata, albido et corneo variegata, pallide flavescens; spira brevis, apice acuminata; anfr. 5½ vix convexi, ultimus carinatus, peripheria unifasciatus, non descendens; apertura perobliqua, semiovalis; columella brevissima, subverticalis, angulum cum margine basali formans; peristoma incrassatum, albidum, reflexum, marginibus callo circumscripto junctis. — Operc. corneum, rubellum. — Diam. maj. 11—12, min. 9, altit. 6½ mill.“ (M.)

Helicina peruviana Morelet Sér. conch. III. 1863. p. 215. t. 10. f. 4.

Habitat in Peruvia (Angrand).

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229. Idae Pfr. II. 206. III. 254. — *Martens* Ostas. Zool. II. p. 170. t. 4. f. 19 *). — Ins. Ceram.

230. Wrighti Pfr. (Coll. 117.) III. 234. — *Pfr.* in Malak. Bl. XIII. 1866. p. 64. — Cuba.

231. H. laeta Crosse. †

„T. subgloboso-conoidea, solidula, tenuissime et suboblique striatula, lineis transversis, distantibus, sub lente tantum conspicuis decussatula, parum nitens, carneo-albida, flammulis flexuosis, sat latis, castaneo-rubris fulgurata; spira breviter conica, apice obtusulo; sutura subimpressa; anfr. 4¼ planiusculi, primi 2 carnei, ultimus descendens, ad peripheriam obtuse angulatus, basi vix convexiusculus, zonula subperipherica castaneo-rubra cinctus, spiraliter striatulus, radiatim et subflexuose lineolatus; apertura diagonalis, subtriangularisemiovalis, intus carneo-albida; peristoma simplex, albidum, margine columellari brevi, callum circumscriptum, luteo-albidum emittente, cum basali angulum obtusum formante, externo subexpanso, reflexiusculo, medio subangulato. — Operculum? — Diam. maj. 9, min. 7, alt. 6 mill.“ (Cr.)

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*) „Testa depresse conoidea, obtuse angulata, oblique subtiliter striatula, lineis spiralibus impressis distantibus sculpta, nitidula, flava vel rubella, apice lutea; spira convexe conica, acutiuscula; anfractus 5, paululum convexi, ultimus peripheria obtuse biangulatus, basi convexus, ad aperturam paulo descendens; apertura diagonalis, trilatero-semicircularis; peristoma tenuiter labiatum, acutum, breviter expansum, albidum, margine columellari brevissimo, recto; callus modicus, circumscriptus, pallide flavus vel albidus. — Diam. maj. 8, min. 6¾, alt. 6; apert. long. et lat. 4 mill. — Ceram. — Synon. *Helicina Zoae Pfr.*“ (v. M.) Conf. *H. Zoae* Nr. 253.

Helicina laeta Crosse in Journ. Conch. XVIII. 1870. p. 245; XIX. 1871. p. 196. t. 6. f. 8.

Habitat in monte Nou Novae Caledoniae (E. Marie).

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232. Nodae Arango. (Coll. 118.) III. 235. — *Crosse* in Journ. Conch. XVII. 1869. p. 23. t. 1. f. 6. — *Pätel* Cat. p. 125. — Cuba.

233. H. benigna Crosse. †

„T. depresso-conoidea, tenuiuscula, nitidula, sub lente striatula, lineolis transversis, subdistantibus decussata et quasi pertusa, pallide viridulo-lutea, flammulis subinterruptis, flexuosis, albidis variegata; spira brevissime conica, apice obtusulo; sutura impressa; anfr. 4 planiusculi, primi $1^1/_2$ laevigati, viridulo-lutei, ultimus ad peripheriam inconspicue subangulatus, basi convexiusculus; apertura diagonalis, semiovata, intus lutea; peristoma simplex, margine columellari brevissimo, callum circumscriptum rubro-castaneum emittente, castaneo, basali et columellari subexpansis, reflexiusculis, albidis. — Operculum tenue, pallide castaneum. — Diam. maj. 7, min. 6, alt. 5 mill.“ (Cr.)

Helicina benigna Crosse in Journ. Conch. XVIII. 1870. p. 246; XIX. 1871. p. 197. t. 6. f. 7.

Habitat in Nova Caledonia (E. Marie).

Obs. „Species *H. Mouensi* colore aperturae, peristomatis et calli basalis valde vicina, sed major, testa sub lente quasi pertusa et flammulis anfractuum distinguenda.“

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234. reticulata Pfr. (Coll. 119.) III. 235. — *Cox* Mon. Austr. landsh. p. 106. t. 17. f. 14. 14 a. b. — *Pätel* Cat. p. 126. — Cape Flattery Australiae.
235. Gouldiana Forb. (Coll. 120.) I. 388. II. 207. III. 236. — *Cox* Mon. Austr. landsh. p. 108. t. 17. f. 15. 15 a. b. — *Pätel* Cat. p. 125. — Ora Australiae.
236. Draytonensis Pfr. (Coll. 121.) II. 207. III. 236. — *Cox* Mon. Austr. landsh. p. 106. t. 17. f. 13. 13 a. b. — *Pätel* Cat. p. 125. — Australia.
237. subdepressa Poey. (Coll. 122.) II. 207. III. 236. — *Pätel* Cat. p. 126. — Cuba.
238. Columbiana Phil. (Coll. 123.) I. 388. II. 207. III. 236. — *Pätel* Cat. p. 125. — *Martens* Binn. Venez. p. 6 cum var. *Appuni* t. 1. f. 1. — Conf. *Helicina nemoralis Guppy* Nr. 133. — Columbia.
239. gonochila Pfr. (Coll. 124.) I. 389. II. 208. III. 236. — Venezuela.
240. gratiosa Pfr. II. 208. III. 236. — Admiralty Islands.
241. scopulorum Morelet. (Coll. 125.) I. 389 (*elongata Pfr.*, non *Orb.*). II. 208. III. 236. — *Helicina marmorea Vel.* — Cuba.
242. pyramidalis Sow. (Coll. 126.) I. 390. II. 208 (emend.). III. 236. — *Helicina conica Orb.* — Cuba.

243. sculpta Martens. † III. 236. — *Mart.* in Monatsber. Berl. Ak. 1864. p. 120; Ostas. Zool. II. p. 167. t. 4. f. 17. — Ins. Timor.

244. H. togatula Morelet. †

„Testa parva, depresse conoidea, tenuiter ruguloso-striata lirisque remotis sub lente decussatula, carnea, rubella vel pallide straminea, fulvo saepius fasciata; spira brevis, conoidea, acutiuscula; anfractus $4^1/_2$ parum convexi, ultimo obsolete angulato; apertura obliqua, semiovalis; columella breviter callosa; peristoma incrassatum, vix expansiusculum; operculum testaceum, fulvicans. — Diam. maj. 5, min. 4, alt. $3^1/_2$ mill." (M.)

Helicina togatula Morelet Test. nov. Austral. p. 5. (Bull. soc. h. n. Moselle 1856. 1857.)

— — *Gassies* Faun. Nouv. Caléd. 1863. p. 77. t. 2. f. 10.

Habitat in insula Art Novae Caledoniae.

245. H. diversicolor Cox. †

„H. testa globoso-turbinata, obsolete subcarinata, solida, superne subconica, inferne depresso-convexiuscula, basi albida, gradatim anfractu penultimo violaceo tincta, postquam violacea, denique rubida, apice albido, sub lente transverse plicato-rugosa, anfractu ultimo pluribus lineis spiralibus obsoletis; spira obtusa; anfractibus quinque, planato-convexiusculis; apertura obliqua, lunata; peristomate incrassato, modice reflexo, albo, ad columellam angulo prominente. — Diam. maj. 0,23, min. 0,20, alt. 0,20 unc." (C.)

Helicina diversicolor Cox in Proc. Zool. Soc. 1866. p. 375; Mon. Austr. landsh. p. 105. t. 17. f. 9. 9 a. b.

Habitat „Pine Mountain, Ipswich" Queensland (Masters); „Pine Mountain, Lismore, Upper Richmond River" Australiae (Macgillivray).

246. H. Gladstonensis Cox. †

„Testa depresso-globularis, valde irregulariter rugosa, rugis saepe confluentibus, in directionibus duabus, diagonaliter sese cruciantibus, lineis nonnullis spiralibus aliisque obliquis sculpta, pallide rufo-fusca, interdum versus aperturam albida, rugulis albis quasi callosis maculata; spira late conica, obtusa; anfr. 5, ultimus basi obscure angulatus, caeterum convexe rotundatus; callus basalis tenuis, granulatus; apertura diagonalis, triangulatim semicircularis; perist. album, incrassatum, modice reflexum, superne angulare, inferne rotundatum, antice

modice productum. — Operc. obscurum, corneum. — Diam. max. 0,15, min. 0,13, alt. 0,10 poll." (C. angl. 1868.)

Helicina Gladstonensis Cox in Ann. and Mag. n. h. 3d. ser. XIV. 1864. p. 184; Catal. Austr. landsh. 1864. p. 34*); Monogr. Austr. landsh. p. 107. t. 17. f. 11. 11 a. b.

Habitat Gladstone, Port Curtis, Queensland (Blomfield).

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247. verecunda Gould. † III. 236. — Loo-Choo.

§. 21.

248. goniostoma Sow. † I. 387. II. 209. III. 237. — Habitat?
249. rotella Sow. I. 387. II. 209 (emend.). III. 237. — Nov. Hebrid.
250. Behniana Pfr. (Coll. 127.) III. 237. = Pachystoma *Mörch* in Journ. Conch. XX. 1872. p. 318. — Ins. Nicobaricae.
251. Lindeni Pfr. I. 388. II. 209. III. 237. — Respubl. mexicana.
252. Salleana Pfr. I. 388. II. 209. III. 237. — Haiti.

253. H. Zoae Pfr.

T. conoidea, solidula, ruditer striatula, fulva vel fusculo-carnea; spira convexo-conoidea, vertice acuto; anfr. 5 planiusculi, ultimus peripheria subcarinatus et albido-fasciatus, saepe supra carinam angulo secundo obtuso instructus, basi callo citrino non circumscripto munitus; columella brevissima, subdentata; apertura diagonalis, semiovalis, intus rufa; perist. album, tenue, margine dextro breviter expanso, basali leviter arcuato, cum columella angulum acutum formante. — Operc. tenue, fulvum. — Diam. maj. 7—8, min. 6—$6^{3}/_{4}$, alt. $3^{2}/_{3}$—$4^{2}/_{3}$ mill. (Coll. Nr. 128.)

Helicina Zoae Pfr. in Malak. Bl. XII. 1865. p. 124.
— — *Pätel* Catal. p. 126.

Habitat in insula Halmahera (Lorquin).

Obs. An = *Helicinae Idae Pfr.? (Martens.)* Conf. Nr. 229.

254. H. porphyrostoma Crosse. †

„T. subgloboso-conoidea, solidula, sublaevis, parum nitida, sordide albida; spira breviter conica, apice obtusulo; sutura

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*) „H. testa globoso-turbinata, carinata, vix infra callosa, fuscescente, maculata; anfractibus quatuor; apertura semicirculari, peristomate reflexo, alboque; operculo corneo. — Diam. maj. 0,16, min. 0,12, alt. 0,10 unc." (Cox 1864.)

leviter impressa; anfr. $4^1/_4$ subplanati, ultimus vix descendens, ad peripheriam obtuse angulatus, basi convexiusculus; apertura diagonalis, semiovata, purpureo-castanea; peristoma simplex, purpureo-castaneum, margine columellari brevissimo, callum latum, purpureo-castaneum emittente, basali et externo vix expansis, tenuiusculis. — Operculum tenue, castaneum. — Diam. maj. $6^1/_2$, min. 5, alt. $4^1/_2$ mill.“ (Cr.)

β. „*Major;* anfr. $4^3/_4$, $1^1/_2$ apicales albidi, sequens pallide fuscescens, caeteri albidi; apertura intus citrina; peristoma simplex; margo columellaris pallide castaneus, callum latiusculum, pallide castaneum et citrino extus circumdatum emittens, basalis et externus albi. — Operc. pallide corneo-castaneum. — Diam. maj. $9^1/_2$, min. 8, alt. 7 mill.“ (Cr. 1871.)

Helicina porphyrostoma Crosse in Journ. Conch. XVIII. 1870. p. 245; XIX. 1871. p. 194. t. 6. f. 6.

Habitat in Nova Caledonia (E. Marie), var. *β* „baie du Sud“ (Perroquin).

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255. subglobulosa Poey. (Coll. 129.) II. 209. III. 237. — *Binn.* Landsh. North-Am. III. p. 110. f. 220? — *Tryon* in Amer. journ. conch. IV. p. 13. t. 18. f. 25. — *Pätel* Cat. p. 126. — Cuba, Florida.
256. Lembeyana Poey. (Coll. 130.) II. 210. III. 237. — *H. globulosa Pfr.* 1854. — Cuba.
257. chrysochasma Poey. (Coll. 131.) II. 210. III. 237. — *Pätel* Cat. p. 125. — *Trochatella chrysochasma Trosch.* — Cuba.
258. rubella Wright. (Coll. 132.) III. 237. — *Pätel* Cat. p. 126. — *Helicina erythraea Wright* mss., *Reeve* Conch. ic. n. 213. — Cuba.
259. maculata Sow. † I. 391. II. 211. III. 238. — *Pätel* Cat. p. 125. — America meridionalis.
260. conoidea Pfr. (Coll. 133?) II. 211. III. 238. — Ins. Barbadoes.
261. Borneensis Martens. † III. 238. — *Mart.* in Ber. Berl. Ak. 1864. p. 120; Ostas. Zool. II. p. 171. — *Pätel* Cat. p. 125. — *Issel* Moll. Born. p. 81. — Borneo.
262. chryseis Tristram. † III. 238. — Guatemala.
263. multicolor Gould. I. 353. II. 211 (emend.). III. 238. — *Pätel* Cat. p. 125. — An eadem ac *H. interna Mouss.? Schmeltz* in Mus. God. Cat. V. p. 99. — Tahiti.
264. fuscula Gundl. (Coll. 134.) III. 238. — *Pätel* Cat. p. 125. — Cuba.

265. **H. Pazi Hidalgo.**

„T. globoso-conica, tenuis, sublaevis, nitidula, pellucida, cornea; spira conoidea, apice obtuso; anfr. 4 convexi, primi saepius violaceo-rosei, ultimus obsolete angulatus, basi planiusculus, non descendens; apertura subobliqua, semiovalis; columella brevis, basi dilatata, angulo subrecto in peristoma tenue, expansiusculum, subreflexum abiens; callus basalis tenuis, latiusculus. — Operculum tenue, corneum. — Diam. maj. $2^3/_4$, min. $2^1/_4$, altit. $2^1/_2$ mill.“ (Cr. — Coll. Nr. 135.)

Helicina Pazi Hidalgo mss.; *Crosse* in Journ. Conch. XIII. 1865. p. 221. t. 6. f. 8.

Habitat in insulis Gambier dictis Oceaniae.

Obs. „Similis *H. Antoni Pfr.*; distinguitur crassitie majore columellae et calli basalis, apertura majore et sculptura."

§. 22.

266. occidentalis Guild. I. 386. II. 211. III. 239. — *Helicina fasciata Guild.* antea. — Ins. St. Vincentii.
267. Heatei Pfr. II. 211. III. 239. — Ins. Granada Indiae occidentalis.
268. amoena Pfr. (Coll. 136.) I. 386. II. 212. III. 239. — *Pätel* Cat. p. 125. — *Helicina purpureo-flava Morelet.* — Honduras.
269. Guadaloupensis Sow. (Coll. 137.) I. 380. II. 212. III. 239. — Guadeloupe.

270. H. Semperi Mousson. †

„T. crasso-lenticularis, solidula, politula, striata, flavo-albida, interdum rare rufo fulgurata. Spira obtusissime convexa; summo obtuso; sutura vix impressa. Anfr. 5, modice accrescentes; primi flavidi, laevigati; medii obsolete lineis incisi; ultimus vix dilatatus, minime sensim descendens, supra declivis, medio convexo-subangulatus, ad basin planiusculus. Apertura obliqua (40° cum axi), transversim breviter et obtuse triangularis, intus flavescens. Perist. obtusum, vix expansum, intus late labiatum; margine dextro ad insertionem protracto, antice minime arcuato; basali plane curvato, incrassato; columellari brevissimo, calloso, laminam albam, callosam, late circularem emittente. — Alt. 6,2, diam. 10 mill. — Rat. anfr. 2 : 1. — Rat. apert. 1 : 1." (M.)

Helicina Semperi Mouss. in Journ. Conch. XVIII. 1870. p. 201. t. 8. f. 8.
— — *Pätel* Catal. p. 126.

Habitat Oneata insularum Feejee (Gräffe).

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271. lutea Less. (Coll. 138.) I. 387. II. 212. III. 239. — *Pätel* Cat. p. 125. — Nova Guinea.
272. Poeyi Pfr. (Coll. 139.) III. 239. — Cuba.
273. substriata Gray. (Coll. 140.) I. 391. II. 212. (emend.) III. 239. — Ins. Barbadoes, St. Kitts.
274. convexa Pfr. (Coll. 141.) I. 391. II. 212. III. 239. — *Pätel* Cat. p. 125. — Ins. Bermuda.
275. Scrupulum Bens. † III. 239. — *Bens.* in Ann. and Mag. n. h. 3d. ser. XII. 1863. p. 325. — *Hanl. & Theob.* Conch. Ind. t. 33. f. 8. 9. — Ins. Andaman.
276. minuta Sow. (Coll. 142.) I. 391. II. 212. III. 240. — *Helicina discolor* et *flammeata Mühlf.* — Ins. Opara et Oheatora.

277. littoralis Montrouz. † III. 240. — *Gassies* Faune Nouv. Caléd. 1863. p. 77. t. 2. f. 11. — *Crosse* in Journ. Conch. XVIII. 1870. p. 247; XIX. 1871. p. 199. Var. *Nouensis*: minor, haud striata; peristoma crassiusculum, carneum. Diam. maj. 2, min. 1½, alt. 1 mill. (Ins. Nou: Marie.) — Ins. Art Novae Caledoniae.

§. 23.

278. Moquiniana Recluz. (Coll. 143.) I. 393. II. 213. (emend.) III. 240. — *Pätel* Cat. p. 125. — *Trochatella Moquiniana Ad.* — Ins. Salomonis.

279. H. Botteriana Pfr.

T. conoidea, solida, carinata, striis incrementi et spiralibus confertis subtilissimis sculpta, pallide sulphurea unicolor vel fascia 1 latiuscula rubra supra carinam ornata; spira regulariter conoidea, vertice acutiusculo; sutura leviter impressa; anfr. 6 convexiusculi, ultimus ad peripheriam subacute carinatus, basi convexior, callo subcircumscripto, nitido, vitellino munitus; columella brevis, fovea impressa signata; apertura fere diagonalis, subtriangularis; perist. simplex, margine dextro breviter expanso, basali reflexiusculo. — Operc.? — Diam. maj. 14, min. 12, alt. 9 mill. (Coll. Nr. 144.)

Helicina Botteriana Pfr. in Malak. Bl. XIII. 1866. p. 90.
— — *Pätel* Catal. p. 125.
— *cinctella var.? Strebel* in Abh. Nat. Ver. Hamb. VI. I. p. 21?

Habitat Orizaba reipubl. mexicanae.

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280. straminea Morelet. (Coll. 145.) II. 213. III. 240. — *Pätel* Cat. p. 126. — *Helicina exacuta Poey, Pätel* Cat. p. 125. — Cuba.
281. rubromarginata Gundl. (Coll. 146.) II. 213. III. 240. — *Pätel* Cat. p. 126. — *Helicina festa Gundl.* mss. antea. — Cuba.
282. declivis Gundl. (Coll. 147.) III. 240. — Cuba.

283. H. Primeana Gassies.†

„Testa subconoidea, inferne depressiuscula, irregulariter striata, corneo-violacea vel griseo-luteola; spira brevis, conoidea; anfractus 5 parum convexi, ultimo angulato; apertura obliqua, angulata, semiovalis; columella breviter callosa; peristoma expansum, crassum, album; operculum corneum, brunneum. — Diam. maj. 7, altit. 7 mill.“ (G.)

β. Carinata, apice rufo.

Helicina Primeana Gass. Faun. Nouv. Caléd. 1863. p. 78. t. 2. f. 9.

Habitat in Nova Caledonia, Balade, ins. Pinuum, Art, Lifu.

284. H. zigzag Pease. †.

„T. trochiformis, solidiuscula, tenuiter oblique striata; spira depresse conoidalis; flavida, flammis aut lineis rufescentibus, undulatis ornata; anfr. 4, convexiusculi, ultimus ad peripheriam costato-carinatus, basi convexus; columella verticalis, brevis, basi angulata, callum tenuem flavidum, sub lente granulatum, emittens; perist. vix reflexiusculum; apertura late semilunaris; operc. semilunare, tenuisculum, rubellum. — Diam. $6^1/_2$, alt. 4 mill." (P.)

Helicina zigzag Harper Pease in Amer. journ. conch. III. 1867. p. 229. t. 15. f. 26.

Habitat in insula Oualan.

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285. alboviridis Wright. (Coll. 148.) III. 241. — *Arango* in *Poey* Repert. II. p. 270. — *Pätel* Cat. p. 125. — Cuba.

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286. trochiformis Sow. (Coll. 149.) I. 397. II. 214. III. 241. — *Pätel* Cat. p. 126. — Ins. Philippin.
287. virens Pfr. II. 214. III. 241. — Habitat?
288. fulgora Gould. I. 401. II. 214. III. 241. — *Mouss.* in Journ. Conch. XVII. 1869. p. 356: Manua, Upolu, Savai, Tutuila. — *Mouss.* ibid. XVIII. 1870. p. 198 var. *expansa* *); XIX. 1871. p. 25 var. *diminuta* **). — *Pätel* Cat. p. 125. — Ins. Sandwich.

289. H. gallina Gassies. †

„Testa conica, valde carinata, transversim et tenuiter striata, nitida, luteo-fulva, alternatim albo et rubro fasciata, praesertim ad carinam et suturam, infra fasciis lutescentibus, radiatis, suturam non attingentibus notata; sutura fere linearis; apice laevigato, vix elevato; anfractus 5 planati, ultimus dilatatus; apertura subtrigona, angulosa, ad basin dilatata; peristoma acutum, vix reflexum, callo mediocri, albido intus munitum; columella parum truncata, canaliculata, curva; callo umbilicali albo, parum crasso; apertura intus rufescens, subtranslucens. — Operculum corneum, nitidum, fulvum, translucens. — Diam. maj. 5, min. 4, alt. 3 mill." (G.)

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*) Var. *expansa:* minor (diam. 6, alt. 3 mill.), area columellari convexiori, lamina parietali expansa, non circulari, colore intense flavescente, indistincte fulgurata. — Ins. Feejee.

**) Var. *diminuta:* minor (4—6 mill.), paulo elatior, intense crebre zebriolata. — Futuna, Hapai, Tongatabou.

Helicina gallina Gass. in Journ. Conch. XVIII. 1870. p. 145; Faune Nouv. Caléd. II. 1871. p. 127. t. 5. f. 9.

Habitat Lifu insularum Loyalty (Déplanches).

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290. turbinella Pfr. II. 214. III. 241. — Sidney?

§. 24.

291. Moreletiana Pfr. I. 392. II. 215. III. 241. — *Pätel* Cat. p. 125. — Habitat?
292. Ghiesbreghti Pfr. (Coll. 150.) II. 215. III. 241. — *Pätel* Cat. p. 125. — Respubl. mexicana.
293. Kieneri Pfr. I. 393. II. 215. III. 241. — Caraccas.
294. Fischeriana Montrouz. III. 241. — *Pätel* Cat. p. 125. — Ins. Woodlark.
295. caracolla Moricand. (Coll. 151.) I. 394. II. 215. III. 242. — *Pätel* Cat. p. 125. — Brasilia.
296. Aruana Pfr. III. 242. — *Wallace* in Proc. Zool. Soc. 1865. p. 414. — Ins. Aru.
297. cinctella Shuttl. (Coll. 152.) II. 215. III. 242. — *Strebel* in Abh. Nat. Ver. Hamb. VI. 1. p. 21. t. 1. f. 13. t. 2. f. 13. — *Pätel* Cat. p. 125. — Respubl. mexicana.
298. suavis Pfr. II. 216. III. 242. — Admiralty Islands.
299. concentrica Pfr. (Coll. 153.) I. 400. II. 216. III. 242. — *Pätel* Cat. p. 125. — *Martens* Binn. Venez. p. 5 cum var. *Ernesti* *). t. 1. f. 2. — Venezuela.
300. carinata Orb. I. 400. II. 216. III. 242. — *Martens* in Malak. Bl. 1868. p. 184: Brasilia meridionalis. — *Pätel* Cat. p. 125. — Bolivia.

301. **H. psorica Morelet.** †

„T. depressa, subtenuis, striatula, superne rugosiuscula, subtus liris concentricis notata, corneo-rubella, stramineo-variegata; spira breviter conoidea, apice mucronulata; anfr. $4^1/_2$ convexiusculi, sutura impressa discreti, ultimus depressus, carinatus, basi planulatus; apertura obliqua, latior quam alta, semilunaris; columella breviter arcuata, in callum mediocrem, crassum, circumscriptum dilatata; peristoma incrassatum, ex-

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*) „Testa depresse conica, acute carinata, leviter striatula, obsolete spiratim impresso-lineata, lutea vel rubello-lutea, infra pellucide fasciolata; spira conoidea, apice mamillari; anfr. 5, planiusculi, ultimus usque ad aperturam acute carinatus, paululum descendens, subtus modice convexus; columella subverticalis, brevissima, basi angulata, superne in callum parvum, circumscriptum, leviter punctulato-cicatricosum abiens; peristoma basale incrassatum, reflexum, superum simplex, sinuatum, leviter expansum, ad carinam subrostratum. — Diam. maj. 18—14, min. 14—11, alt. 10—8, apert. 6—7 mill.“ (v. M.)

pansum, albidum. — Operc. corneum, pallide rubellum. — Diam. maj. 7—8, min. 6—6½, alt. 4—5 mill.“ (M.)

Helicina psorica Morelet Sér. conch. III. 1863. p. 216. t. 10. f. 3.

Habitat ad fluvium Apurimac Peruviae (Angrand).

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302. Merguiensis Pfr. II. 216. III. 242. — Birmania.
303. striatula Pot. & Mich. † I. 401. II. 216. III. 242. — Habitat?
304. Lundi Beck. (Coll. 154.) II. 216. III. 242. — *Pätel* Cat. p. 125. — Brasilia.

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305. H. lamellosa Guppy. †

„T. orbicularis, depressa, tenuis, subdiaphana, fulvescens, liris acutis spiralibus, lamellatim elevatis, circa 4 in facie superiore, 7—10 in inferiore vix convexa sculpta; interstitia superne spiraliter subtiliter striata, inferne nitida, striis incrementi tenuibus munita; anfr. 4½—5, carinati, ad peripheriam lamellatim marginati; spira depressa, conoidea, apice obtuso, submamillari; apertura obliqua, rotundata, ad carinam angulata; perist. expansum et subreflexum, punctis obtusis, liris spiralibus respondentibus munitum; columella brevissima, simplex; locus umbilici callo tenui, granulari, albido tectus. Operculum semiovale, concavum, tenue, transparens, pallide fuscescens, striis concentricis numerosis munitum, nucleo subcentrali. — Diam. max. 4½, altit. 2½ mill.“ (G. angl.)

Helicina lamellosa (Perenna *)) *Lechmere Guppy* in Ann. and Mag. n. h. 3d. ser. XIX. 1867. p. 260.

Habitat „Gulf of Paria“ insulae Trinidad.

§. 25.

306. Candeana Orb. (Coll. 155.) I. 399. II. 217. (emend.) III. 242. — Caraccas.
307. agglutinans Sow. (Coll. 156.) I. 394. II. 217. III. 242. — *Pätel* Cat. p. 125. — Ins. Philippin.
308. acutissima Sow. (Coll. 157.) I. 395. II. 217. III. 242. — *Pätel* Cat. p. 125. — Ins. Philippin.

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*) Sectio: *Perenna Guppy:* „operculum tenue, subovale, concentrice striatum, nucleo subcentrali. Testa Helicinarum, depressa; anfractus lirati et carinati. An ad hanc sectionem *H. lirata Pfr.?*“

309. H. oxytropis Gray.

„Testa depresse trochiformis, carinata, solidula, oblique confertim striata, opaca, pallide flava vel rufescens concolor; spira conica, apice mammillata; anfr. $4^1/_2$, plani, ultimus carina tumida, utrinque sulco distincta cinctus, basi paulum convexus, ad aperturam non descendens; apertura perobliqua, triangularis; peristoma obtusum, modice incrassatum, margine supero recto, infero breviter expanso; columella brevis, dilatata, extus obsolete tuberculata, recedens; callus parvus, circumscriptus. — Diam. maj. 8—11, min. 6—9, alt. 5—8; apert. long. 4—5, lat. 4—$4^1/_2$ mill.“ (v. M.)

Helicina oxytropis Gray, Pfr. Mon. Pneum. p. 395. n. 127; II. p. 217; III. p. 242.
— — *Mart.* Ostas. Zool. II. p. 166. t. 4. f. 20.
— *oxystoma Sow.*

Habitat in insulis Celebes, Timor, Amboina. (v. Martens.)

Obs. Cl. E. v. Martens *Helicinam Jagori*, a me secundum specimina hoc nomine a Martensio mihi communicata descriptam, huic speciei injungit, sed specimina mea neque figurae Sowerbyanae neque descriptioni supra allatae respondent, quare ambae species denuo exacte examinandae!

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310. acuta Pfr. I. 396. II. 217. III. 243. — Ins. Philippin.
311. Lazarus Sow. (Coll. 158.) I. 396. II. 217. III. 243. — *Pätel* Cat. p. 125. — Ins. Philippin.
312. Jagori Martens. (Coll. 159.) III. 243. — Differt a figura *Helicinae oxystomae Sow.* praeter magnitudinem carina minus acuta, apertura dextrorsum multo minus producta, margine basali arcuato, in illa usque ad angulum carinalem fere rectilineari, etc. Conf. *H. oxytropis Gray, Martens.* (Nr. 309.) — Java.

313. H. Arakanensis Blanford. †

„Testa depresse turbinata, sublenticularis, tenuiuscula, superne oblique, subtus radiatim et minutissime striata, polita, carnea cum fascia saturatius rubra in medio anfractuum superiorum et altera infra peripheriam ultimi; apex flavus; spira convexo-conoidea, vertice acuto; anfr. 4, ultimus compressus et acute carinatus, basi modice convexus et callo centrali nitido subgranulato munitus; columella brevissima; apertura diagonalis, triangularis; peristoma album, leviter expansum. — Operculum testaceum, pallide griseum. — Diam. maj. 6, min. 5, alt. $3^1/_2$ mill.“ (Bl. angl.)

Helicina Arakanensis W. T. Blanf. Contrib. to Ind. Malac. V. 1865. p. 21.
— — *Hanl. & Theob.* Conch. Ind. I. t. 6. f. 9.
— *aracanensis Pätel* Catal. p. 125.

Habitat „Ramri Island“ in littore Arakanensi, rara.

314. H. Theobaldiana G. & H. Nevill. †

„T. parva, depresso-conica, fulvo vel luteo rufescens, subobsolete striata; anfractibus quinis, supra convexiusculis, ultimo ad peripheriam acute carinato, basi tumido ac laevigato; carina luteola; apertura semilunari, paulo obliqua, labro reflexiusculo, paulo dilatato ad peripheriam subangulato; labio calloso, albido; columella brevissima. Operculum tenue minute et confertim granulatum, pallide glaucum, margine paululum fusce-rubro tinctum. — Alt. $4^1/_2$, diam. maj. $4^1/_2$, min. 4 mill." (N.)

Helicina Theobaldiana G. et H. Nevill in Journ. As. Soc. Beng. XL. Pt. 2. 1871. p. 8. t. 1. f. 8. 8 a.

Habitat frequens in insulis Seychellis.

Obs. Variat diametro usque ad $7^1/_2$ mill.; persimilis *H. Nicobaricae Phil.*, ita ut specimina nonnulla solum sculpturae absentia ab ea distingui possint.

315. H. fulgurata Cox. †

„Testa lenticularis, acute carinata, sub lente fortiori subtiliter radiato-striata, striis spiralibus nullis, nitidula, rubescenti-flava, strigis numerosis radiatim fulguratis albis (ex icone potius castaneis) ornata; spira late conica, vix obtusa, sutura juxta anfractum penultimum marginata; anfr. $4^1/_2$, fere plani, ultimus peracute carinatus, basi callo circumscripto munitus; apertura subtriangularis, obliqua; perist. (non perfectum) superne leviter, inferne magis arcuatum, externe angulatum; columella stricta. — Operc. testaceum, album. — Diam. max. 0,25, min. 0,20, alt. 0,12 poll." (C. angl.)

Helicina fulgurata Cox Monogr. Austr. landsh. p. 107. t. 17. f. 10. 10 a. b.

Habitat Rocky Isle prope Cape Flattery Australiae. (MacGillivray.)

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316. albocincta Hombr. & Jacq. (Coll. 160.) II. 217. III. 243. — *Wallace* in Proc. Zool. Soc. 1865. p. 414. — *Martens* Ostas. Zool. II. p. 169. t. 4. f. 21 *). — Ins. Arrow.

§. 26.

317. unifasciata Gray. † I. 392. II. 218. III. 243. — Habitat?

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*) „Testa depresse conoidea, acute carinata, laeviuscula, haud nitens, rubella vel flava, carina alba; spira convexe conica, obtusa; anfr. $4^1/_2$, plani, ultimus basi convexus, ad aperturam haud descendens; apertura diagonalis, triangularis; peristoma acutum, brevissime expansum, albidum; columella recta, brevis; callus modicus, circumscriptus, albus. — Diam. maj. 6, min. 5, alt. $3^1/_2$; apert. long. et lat. 3 mill. — Banda Moluccarum. — An revera eadem species ac illa Aruana, quae ex icone magis depressa videtur?"

318. H. biconica Mousson. †

„Testa conoidea, angulata, subtiliter striatula, nitida, supra lutea, ad suturam rufo-fasciata, infra laete viridis, zona angulari lutea; anfr. $4^1/_2$, apice submammillato, subplani, ultimus supra et infra aequaliter convexus, callo umbilicari circumscripto, lutescente, minutim ruguloso, immediate ad aperturam fuscorufescens; apertura parum obliqua, subtriangularis, intus fusca; peristoma expansum, album, margine supero stricto, solum prope insertionem paulum arcuato, infero arcuato, columellari perpendiculari, brevi. — Operculum tenue, fuscum. — Diam. maj. 10, min. 7, alt. 6; apert. long. $5^1/_2$, lat. 5 mill." (v. M.)

Helicina biconica Mousson collect.; *Martens* Ostas. Zool. II. p. 169.

Habitat in insula Java; specimen prope Buitenzorg a Zollinger lectum.

Obs. An huc *Helicina viridis Gray* in Zool. journ. I. p. 67. t. 6. f. 7, *Sowerby* Thes. t. 2. f. 67, *Chemn.* ed. nov. t. 9. f. 11? Nec *Lamarck*. Conf. Nr. 209.

319. H. Dunkeri Zelebor.

T. sublenticularis, carinata, solida, confertissime capillaceo-striata, sericea, carnea, saturatius variegata; spira breviter conoidea, vertice minuto; sutura levis, marginata; anfr. $4^1/_2$ planiusculi, ultimus acute compresso-carinatus, basi convexiusculus, levius striatus, medio callo crasso, albido, subcircumscripto munitus; apertura diagonalis, triangularis, ad carinam subcanaliculata; perist. simplex, margine dextro anguste expanso, basali reflexiusculo, cum columella brevissima, callosa angulum distinctum formante. — Operc. solidum, margaritaceum. — Diam. maj. 10, min. 9, alt. 5 mill. (Mus. Vindob.)

Helicina Dunkeri Zelebor mss., *Pfr.* et *Zeleb.* in Verh. zool. bot. Ges. Wien XVII. 1867. p. 808.

Pachystoma Dunkeri Frauenf. ibid. XIX. 1869. p. 879.

— — *Mörch* in Journ. Conch. XX. 1872. p. 331.

Habitat in insulis Nicobaris. (Zelebor).

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320. Rosaliae Pfr. (Coll. 161.) III. 243. — Ins. Philippin.

321. pallida Gould. † I. 396. II. 218. III. 244. — *Pätel* Cat. p. 125. — Ins. Feejee.

322. taeniata Quoy & Gaim. † I. 398. II. 218. III. 244. — Ins. Vanikoro.

323. Barbadensis Pfr. (Coll. 162.) II. 218. III. 244. — Ins. Barbadoes.

324. Stanleyi Forbes. † I. 401. II. 218. III. 244. — Archip. Louisiad.

325. Nicobarica Phil. (Coll. 163.) I. 402. II. 218. III. 244. — *Tryon* in Amer. journ. conch. V. p. 111: ins. Andaman. — Pachystoma *Mörch* in Journ. Conch. XX. 1872. p. 318. — Ins. Nicobar.
326. Andamanica Bens. † III. 244. — *Hanl. & Theob.* Conch. Ind. I. t. 6. f. 10. — Ins. Andaman.
327. suturalis Martens. † III. 244. — *Mart.* in Monatsber. Berl. Ak. 1864. p. 120; Ostas. Zool. II. p. 168. t. 4. f. 18. — Amboina, Ceram.

328. H. discoidea Pease. †

„T. depressa, tenuiscula, vix nitidula, oblique tenuiter et irregulariter rugoso-striata; spira breviter conoidea; anfr. 5, plano-convexis, ultimo depresso, ad peripheriam costato-carinato; apertura triangulari-lunaris; perist. simplici acuto, vix reflexo, ad basim acute angulato, subemarginato, super basim callo continuato; columella callum copiosum, subgranulosum, circumscriptum; callo sulco arcuato marginato. Subrufa, interdum straminea vel cornea. — Diam. maj. $5^1/_2$, min. 5, alt. 3 mill.“ (P.)

Helicina discoidea Harper Pease in Amer. journ. conch. III. 1867. p. 226.

Habitat in insula Tahaa Polynesiae.

§. 27.

329. rhodostoma Gray. I. 398. II. 218. III. 244. — Color variabilis: saepe fere alba; peristoma album, roseum vel saturate castaneum; spina columellaris longitudine varians, interdum obsoleta; operculum magnum, tenue, corneum. — *Guppy* in Ann. and Mag. n. h. 4th. ser. I. 1868. p. 435: ins. Dominica. — *Pätel* Cat. p. 126. — Guadeloupe.
330. bicolor Pfr. I. 398. II. 218. III. 244. — Taheiti? (Negat *Pease* in Proc. Zool. Soc. 1871. p. 466.)
331. spinifera Pfr. II. 218. III. 244. — Ins. Salomonis.
332. livida Hombr. & Jacq. † II. 219. III. 245. — Ins. Salomonis.
333. angulata Sow. (Coll. 164.) I. 399. II. 219. III. p. 245. — *Pätel* Cat. p. 125. — *Pachystoma angulata Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 879. — Brasilia.

§. 28.

334. Besckei Pfr. (Coll. 165.) I. 402. II. 219. III. 245. — *Pätel* Cat. p. 125. — Brasilia.
335. variabilis Wagn. (Coll. 166.) I. 402. II. 219. III. 245. — *Pätel* Cat. p. 126. — *Helicina fasciata* et *flava Spix, zonata Sow., zephyrina Pot. & Mich., rosea Mühlf.* — Brasilia.
336. biangulata Pfr. (Coll. 167.) I. 403. II. 219. III. 245. — Habitat?
337. Tilei Pfr. (Coll. 168.) I. 403. II. 219. III. 245. — *Pätel* Cat. p. 126. — Brasilia.
338. trochlea Gould. † II. 220. III. 245. — Ins. Aurora.

§. 29.

339. rostrata Morelet. † I. 361. II. 195. III. 245. — *Tate* in Amer. journ. conch. V. Nr. 3. p. 159: Nicaragua. (Synon. *Helicina Salvini Tristr.*) — Guatemala.
340. ? Salvini Tristram. (Coll. 169.) III. 245. — *Pätel* Cat. p. 126. — Nonne eadem ac praecedens? *) — Guatemala.
341. rhynchostoma Shuttl. III. 245. — *Pätel* Cat. p. 126. — Columbia.
342. oxyrhyncha Crosse & Debeaux. † III. 246. — Habitat?
343. denticulata Pfr. (Coll. 170.) II. 208. III. 246. — *Tate* in Amer. journ. conch. V. p. 159: Nicaragua. — Honduras.

Species quarum descriptiones non vidi:

Helicina

Adansonii Schauf. in Cat. Pät. p. 97.
altivaga Mouss. in Mus. God. Cat. V. p. 99. — Upolu.
contermina Semp., Martens Ostas. Zool. II. p. 169. — *Pätel* Cat. p. 125. — Luzon.
decolorata Mouss. in Mus. God. Cat. V. p. 99. — Raiatea.
delicatula Mouss. — Upolu. }
Gambieni Paz. — Cuba. }
hemisphaerica Sh. — Puert. Cab. } *Pätel* Cat. p. 125.
Hernandezi Wright. — Cuba. }
Herweghiana „Pfr.“ — Jamaica. }
marginata Gundl., Schauf. in Cat. Pät. p. 97. — Cuba.
Picheriana „Mouss.“ Schauf. in Cat. Pät. p. 98. — Peleliu.
straminea Pease. — Huahine. } Mus. God. Cat. V. p. 99.
testudinalis Mouss. — Tongatabu. }

V. Schasicheila Shuttleworth.

Pfr. Mon. Pneum. II. p. 220; III. p. 246. — *Bland* in Amer. journ. conch. II. 1866. p. 63. — *Pätel* Catal. 1873. p. 17. 126. — *Schasichila Strebel.*

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*) „Testa globoso-turbinata, solidula, polita, vix striata, pallide citrina, fasciis duabus castaneis, inferiore contractiore, superiore latiore, cincta; spira turbinata, acuta; anfract. 6, vix convexiusculi, ultimus rotundatus, spiram dimidio superans; columella brevis, basi subsimplex, callum emittens tenuem; apertura obliqua, semilunaris; perist. aureum, late expansum et reflexiusculum, ad carinam rostratum et in cornu elongatum extensum. — Diam. maj. $14\frac{1}{2}$, min. 12, alt. 9 mill. — Affinis *H. turbinatae Wiegm.*, mexicanae." (*Tristr.* in Proc. Zool. Soc. 1861. p. 233. t. 26. f. 9. 10.)

Species:

1. Nicoleti Shuttl. (Coll. 1.) II. 220. III. 247. — Respubl. mexicana.
2. alata (Helicina) Menke. (Coll. 2.) I. 368 (Helicina). II. 221. (emend.) III. 247. — *Pätel* Cat. p. 126. — *Schasichila alata Strebel* in Abh. Nat. Ver. Hamb. VI. 1. p. 23. t. 4. f. 7. — Respubl. mexicana.
3. ? pannucea (Helicina) Morelet. † I. 369 adnot. II. 221. III. 247. — Nonne eadem ac praecedens? — Guatemala.
4. minuscula Pfr. III. 247. — Habitat?

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5. Bahamensis Pfr. (Coll. 3.) III. 247. — *Schasicheila minuscula Gould?* — New Providence insul. Bahamensium.

VI. Alcadia Gray.

Pfr. Mon. Pneum. I. p. 404; II. p. 222; III. p. 247. — *Bland* in Amer. journ. conch. II. 1866. p. 63. — *Pätel* Catal. 1873. p. 17. 126.

Species:

1. major (Helicina) Gray. (Coll. 1.) I. 405. II. 222. III. 248. — *Gloyne* in Journ. Conch. XX. p. 44. — Jamaica.
2. hirsuta (Helicina) C. B. Adams. † I. 405. II. 222. III. 248. — *Pätel* Cat. p. 126. — Jamaica.
3. consanguinea (Helicina) C. B. Adams. † I. 406. II. 222. III. 248. — *Pätel* Cat. p. 126. — Jamaica.
4. microstoma (Helicina) C. B. Adams. (Coll. 2.) I. 406. II. 222. III. 248. (emend.) — *Pätel* Cat. p. 126. — Jamaica.
5. Gossei (Helicina) Pfr. I. 407. II. 222. III. 248. — *Pätel* Cat. p. 126. — Jamaica.
6. palliata (Helicina) C. B. Adams. (Coll. 3.) I. 407. II. 222. III. 248. — *Gloyne* in Journ. Conch. XX. p. 44. — *Pätel* Cat. p. 126. — Jamaica.
7. rhamphostyla (Helicina) Pfr. II. 222. III. 248. — Habitat?
8. Brownei (Helicina) Gray. (Coll. 4.) I. 408. II. 222. III. 248. — *Helix Brownii Wood.* — *Alcadia Brownii Pätel* Cat. p. 126. — Jamaica.
9. citrinolabris (Helicina) C. B. Adams. (Coll. 5.) I. 408. II. 222. III. 248. — *Helicina citrinolabris Pätel* Cat. p. 125. — Var.: *Helicina albolabris C. B. Adams.* — Jamaica.
10. Hollandi (Helicina) C. B. Adams. (Coll. 6.) I. 409. II. 222. III. 248. — *Pätel* Cat. p. 126. — Jamaica.
11. succinea (Helicina) Pfr. (Coll. 7.) I. 409. II. 223. III. 248. — Haiti.

12. velutina (Helicina) Poey. (Coll. 8.) II. 223. III. 248. — Cuba.
13. dissimulans (Helicina) Poey. (Coll. 9.) II. 223. III. 248. — Cuba.
14. gonostoma (Helicina) Gundl. (Coll. 10.) III. 248. — *Pätel* Cat. p. 126. — Cuba.
15. incrustata (Helicina) Gundl. (Coll. 11.) III. 249. — *Pätel* Cat. p. 126. — Cuba.
16. mammilla Weinland. (Coll. 12.) III. 249. — *Pätel* Cat. p. 126. — Haiti.
17. solitaria (Helicina) C. B. Adams. (Coll. 13.) I. 410. II. 223. III. 250. — *Gloyne* in Journ. Conch. XX. p. 44. — *Pätel* Cat. p. 126. — *Helicina Guildingiana Pfr.* — Jamaica.
18. dubiosa (Helicina) C. B. Adams. I. 410. II. 223. III. 250. — Jamaica.
19. megastoma (Helicina) C. B. Adams. (Coll. 14.) I. 411. II. 223. III. 250. — *Pätel* Cat. p. 126. — Var.: *Helicina affinis C. B. Adams.* — Jamaica.
20. macilenta (Helicina) C. B. Adams. I. 411. II. 224. III. 250. — *Gloyne* in Journ. Conch. XX. p. 45. — Jamaica.
21. rubella (Helicina) Pfr. (Coll. 15.) II. 224. III. 250. — Ins. St. Thomas et St. Jan.
22. ? sericea (Helicina) Drouët. † III. 250. — Cayenne.
23. Gundlachi Pfr. (Coll. 16.) II. 224. III. 250. — *Pätel* Cat. p. 126. — Cuba.
24. hispida (Helicina) Pfr. (Coll. 17.) I. 412. II. 224. III. 250. — *Pätel* Cat. p. 126. — *Helicina dentigera Orb.* — Cuba.
25. minima (Helicina) Orb. (Coll. 18.) I. 412. II. 225. III. 250. — *Pätel* Cat. p. 126. — Cuba.
26. proxima (Helicina) Gundl. (Coll. 19.) III. 250. — Cuba.
27. capax (Helicina) Gundl. (Coll. 20.) II. 224. III. 250. — Cuba.
28. pusilla (Helicina) C. B. Adams. † I. 413. II. 225. III. 250. — *Gloyne* in Journ. Conch. XX. p. 45. — Jamaica.

VII. ? Phaneta H. Adams.

„Testa imperforata, trochiformis; spira anfractibus paucis, ultimo carinato, expanso, basi depresso; apertura ampla, rotundata, antice subsinuata, intus margaritacea; columella revoluta, acuta; perist. simplex, rectum.“ (Ad.)

Phaneta H. Adams in Proc. Zool. Soc. 1870. p. 793: genus Valvatidarum? — *Issel* Moll. Born. p. 82: genus Helicinidarum?

Molluscum, ut videtur, fluviatile („*attached to submerged logs*“) e sola testae cognitione Valvatidarum familiae provisorie ab Auctore adscriptum, sententia Cl. Issel characteribus testae (apertura ampla, defectu umbilici et carina acuta) inter Helicinidas potius typum peculiarem generibus Pachytomae et Tro-

chatellae proximum offerre videtur, quare hic omnia, quae de eo novimus, inserui, observationibus exactioribus definitionem loci relinquens.

1. Ph. Everetti H. Adams. †

„P. testa depresso-trochiformi, tenuiscula, albida, epidermide pallide fulva tenui induta; spira convexo-conica, apice obtuso, sublaterali, sutura distincta; anfr. 3, convexiusculis, rapide accrescentibus, striis obliquis obscuris, et striis nonnullis spiralibus, irregularibus ornatis, ultimo acute carinato, basi subconcavo, regione columellari excavato, concentrice conferte striato. — Diam. maj. $8^1/_2$, min. $7^1/_2$, alt. 6 mill." (A.)

Phaneta Everetti H. Adams in Proc. Zool. Soc. 1870. p. 794. t. 48. f. 20. 20 a. 20 b.
— — *Issel* Moll. Born. p. 82.

Habitat „Siniwan River" insulae Borneo.

Obs. Habitus speciebus nonnullis Risellae, generis marini, similis. (Issel.)

Subfam. III. Georissea.

Pfr. Mon. Pneum. III. p. 251. — *Georissinae W. T. Blanford* in Ann. and Mag. nat. hist. 3d. ser. XIII. p. 464. — *Hydroceninae* (subfamilia Helicinidarum) *Stoliczka* in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 157.

VIII. Georissa W. T. Blanford.

Pfr. Mon. Pneum. III. p. 251. — *Blanford* in Ann. and Mag. n. h. 3d. ser. XIII. 1864. p. 463; ibid. 4th. ser. III. 1869. p. 173*). — *Pätel* Catal. 1873. p. 17. 126.

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*) „Testa minima, imperforata vel vix perforata, conica, succinea, spiraliter sulcata vel striata, apertura fere semicirculari vel semiovata, columella callosa.

Operculum ovatum, haud spiratum, excentrice striatum, testaceum, transparens, processu elongato intus haud procul a basi marginis interni munitum.

Animal parvum; tentaculis hemisphaericis (v. connatis?); oculis sessilibus; pede brevi, rotundato, operculum in medio dorso juxta aperturam ferente."

Species:

1. Pyxis (Hydrocena) Bens. (Coll. 1.) II. 161 (Hydrocena). III. 251. — *Blanf.* l. c. 1864. p. 463. — *Pätel* Cat. p. 126. — *Hydrocena pyxis Hanl. & Theob.* Conch. Ind. VI. t. 117. f. 3. — Birmania.

2. G. fraterna Theobald & Stoliczka. †

„G. testa cylindraceo-conoidea, solidula, pallida, imperforata, regione umbilicali paulo impressa; anfractibus 3½, convexis, supra modice subtruncatis, sutura perprofunda junctis, spiraliter crasse liratis, liris in anfractu penultimo 5, supera a sutura remotiuscula; apice valde mammillato; ultimo anfractu spira breviore, basi convexiusculo, spiraliter striato; apertura fere semicirculari, labro simplici, antice modice recedente, margine subobtuso instructo, labio recto, incrassato; operculo testaceo, tenui, subdiaphano, paucispirato. — Alt. testae 1,4, diam. max. 0,95 mill." (Th. & St.)

Georissa fraterna Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. P. 2. p. 332. t. 11. f. 5. 6.

Habitat in valle fluminis Ataran prope Moulmain.

Obs. „Affinis *G. Pyxidi* distantia lirae supremae a sutura, sed differt liris ipsis fortioribus, anfractuum numero minore, apice distincte mammillato et tota forma graciliore, magis cylindrica."

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3. Frustrillum (Hydrocena) Bens. (Coll. 2.) III. 251. — *Georissa frustillum Blanf.* l. c. 1864. p. 463. — *Hydrocena frustillum Hanl. & Theob.* Conch. Ind. t. 117. f. 5. — Ava.
4. Illex (Hydrocena) Bens. † II. 161 (Hydrocena). III. 252. — *Blanf.* l. c. 1864. p. 463. — *Hydrocena illex Hanl. & Theob.* Conch. Ind. t. 117. f. 4. — Thyet Myo, Tenasserim.
5. Rawesiana (Hydrocena) Bens. † III. 252. — *Blanf.* l. c. 1864. p. 464. — *Theob. & Stol.* in Journ. As. Soc. XLI. 1872. p. 332. — *Hydrocena Rawesiana Hanl. & Theob.* Conch. Ind. t. 117. f. 6. — Moulmein, vallis Ataran.

6. G. liratula Stoliczka. †

„G. testa globoso-conica, solida, imperforata, carneoluteola; anfractibus 3—3½, convexis, sutura profunda simplici junctis, primo apicem subobtusum formante mammillato, laevigato, luteolo vel rubescente, caeteris supra (infra suturam) paululum depressiusculis, spiraliter liratis, liris acutis, simplicibus, fere aequidistantibus, in anfr. penultimo 6—7, in ultimo 9—10, basi convexa, centraliter minute multistriata; apertura semilunari, altitudine fere spiram aequante, haud dilatata; labro

simplici, curvato, intus striato, labio incrassato, albido, adnato, intus rectiusculo, laevi. — Operc. testaceum, tenue, diaphanum, latiuscule semilunare (nucleo excentrico), striis incrementi rugulosis vestitum, intus ad nucleum appendice tenui, longo, lateraliter sub marginem columellarem projiciente, instructum. — Diam. maj. 1,8, min. 1,5, alt. testae 2,2, alt. anfr. ult. ad apert. fere 1,0, lat. apert. 0,7 mill." (St.)

Georissa liratula Stol. in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 157. t. 6. f. 5.

Habitat Damotha prope Moulmein.

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7. sarrita (Cyclostoma) Bens. † I. 314 (Cyclostoma). II. 161 (Hydrocena). III. 252. — *Blanf.* l. c. 1864. p. 164; l. c. 1869. p. 177. t. 16. f. 1. — *Hydrocena sarrita Bens., Hanl. & Theob.* Conch. Ind. t. 117. f. 7. — Cherra Pongee, Garo hills.

8. G. Blanfordiana Stoliczka. †

„G. testa globoso-conoidea, imperforata, moderate solidula, luteola, apice rubescente, mammillato, laevissimo; anfractibus $3^1/_2$, convexiusculis, transversaliter striis incrementi minutis tectis, sublaevigatis; ultimo ad peripheriam rotundato, in altitudine spiram subaequante; apertura late semilunari, labro uniforme curvato, postice (vel supra) angulata, labio incrassato, levissime arcuato, supra paululum dilatato, infra angustiore. — Operculum? — Diam. maj. 1,2, min. 1,0, alt. testae 1,8; alt. ult. anfr. ad apert. 0,8; lat. apert. obliq. 0,5 mill." (St.)

Georissa Blanfordiana Stol. in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 158. t. 6. f. 6.
— — *Theob. & Stol.* ibid. XLI. 1872. p. 332.
Hydrocena Blanfordiana Hanl. & Theob. Conch. Ind. VI. t. 117. f. 2.

Habitat „Farm Caves" prope Moulmein.

Obs. „Differt ab omnibus generis speciebus notis absentia sculpturae spiralis."

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9. Milium (Cyclostoma) Bens. † II. 158. III. 173 (Hydrocena). — *Pease* in Journ. Conch. 1869. p. 156. — *Hydrocena milium Bens.* — *Cyathopoma* sp. *Blanford* in Ann. and Mag. 4th. ser. III. p. 178. — *Acmella? milium Theob. & Stol.* in Journ. As. Soc. XLI. 1872. p. 333. — *Pupa plicidens juv.? Godwin Austen* in Proc. Zool. Soc. 1872. p. 515. t. 30. f. 3. — India.

10. tersa (Cyclostoma) Bens. † II. 158. III. 172 (Hydrocena). — *Hydrocena tersa Bens.* — *Acicula tersa* (Acmella) *W. T. Blanf.* l. c. 1869. p. 178. t. 16. f. 2. — *Godwin Austen* in Proc. Zool. Soc. 1872. p. 515. — *Acmella tersa Theob. & Stol.* in. Journ. As. Soc. XLI. 1872. p. 333. — *Hanl. & Theob.* Conch. Ind. t. 117. f. 1. — Khasia Hills Indiae.

11. G. multilirata Brazier. †

„Testa imperforata, globoso-conica, rufo-fusca, fortiter spiraliter striata, interstitiis rudiusculis, nitida; anfr. 4, rotundato-convexi, sutura canaliculata; spira conica, apice papillari; basis convexa lineis spiralibus subtilissimis notata; apertura verticalis, lunata; peristoma incrassatum; margo columellaris strictus, incrassatus, callo albo circa perforationem excavatam. — Operculum testaceum, ovatum, laevigatum, fusculum, protuberantia longe acuminata in facie interna, ubi animal affixum est, munitum. — Diam. maj. $^3/_4$, min. $^1/_2$, alt. 1 lin.“ (B. angl.)

Georissa multilirata Braz. in Proc. Zool. Soc. 1874. p. 670. t. 83. f. 8—10.

Habitat Fitzroy Island Australiae.

12. ? G. hyalina (Acmella) Theobald & Stoliczka. †

„Ac. testa ovato-conica, modice perforata, hyalina, sordide albida; spira obtusa; anfractibus $4^1/_2$ convexiusculis, sutura simplici et profunda junctis, ad suturam subtruncatis, laevigatis, ultimo spira paulo breviore, basi convexo; apertura regulariter ovata, supra (vel postice) subangulata, haud obliqua, peristomate tenui fere continuo. — Long. 1, lat. 0,7 mill. — Operculum deest.“ (Th. & St.)

Acmella hyalina Theob. & Stol. in Journ. As. Soc. Beng. XLI. 1872. Pt. 2. p. 333. t. 11. f. 7.

Habitat in collibus calcareis prope Moulmain.

Obs. „Genus *Acmella Blanf.* (Ann. and Mag. n. h. 1869. Mart., ubi subgenus Aciculae) evidenter a Georissa s. Hydrocena, genere Helicinidarum diversum est, cum Acmella ad Cyclophoridas pertinere, vel forma Assimineae et Omphalotropidi affinis et Cyclophoridas cum Rissoidis connectens esse videatur.“

IX. Chondrella Pease.

„Testa globoso-conica, tenuiuscula, striata, imperforata, vel vix rimata; apertura fere circularis; peristoma simplex, tenue, marginibus late disjunctis; columella callo appresso, late dilatato, induta, locum umbilici tegens. — Animal tentaculis nullis, oculis supra caput immersis. — Operculum testaceum, solidiusculum, pallidum, nitidum, oblongo-ovatum, latere dextro fere recto, utrinque rotundatum; extus planum, laevigatum, nucleo obsoleto, marginibus anterioribus et lateralibus angulatis; subtus vix concavum, margine rotunde calloso, quasi costato.“

Chondrella Harper Pease in Proc. Zool. Soc. 1871. p. 465. 476.

Genus etsi anomalum tamen, teste Auctore, Helicinidis adnumerandum.

Species:

1. Ch. parva (Cyclostoma) Pease. †

„C. t. abbreviato-ovata, turbinata, laevigata, imperforata, fulvo-cornea; anfr. 4, rotundatis, ultimo dimidium longitudinis subaequante; basi rotundata; sutura bene impressa; apertura rotundo-ovata; labro simplici, tenui; columella vix arcuata, callo albo induta. — Long. $2^3/_4$, diam. 2 mill.“ (P.)

Cyclostoma parvum Pease in Proc. Zool. Soc. 1864. p. 674.
Chondrella parva Pease in Proc. Zool. Soc. 1871. p. 465. 476.

Habitat in insulis Oceani Pacifici Centralis, Tahiti.

Obs. „An Realia quaedam juv.?“ *H. Adams* ibid. 1864 in adnot.

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2. minutissima (Cyclostoma) Sow. (Coll. 1.) I. 118 (Leptopoma). II. 160. III. 173 (Hydrocena). — *Realia minutissima Gray.* — *Assiminea minutissima Pease* in Journ. Conch. XVII. 1869. p. 165. — *Chondrella minutissima Pease* in Proc. Zool. Soc. 1871. p. 465. 476. — Ins. Pitcairn.

3. Ch. striata Pease. †

„T. globoso-conica, tenuiuscula, imperforata, dextrorsa, spiraliter elevato-striata, fulvida aut rufo-cornea; anfr. 3, convexi, ultimus subventricosus, spira obtusa, sutura impressa; apertura rotundato-ovata; labrum simplex, tenue; columella fere recta, callo superne late dilatato. — Alt. $1^3/_4$, diam. $1^1/_4$ mill.“ (P.)

Chondrella striata Harper Pease in Proc. Zool. Soc. 1871. p. 477.
Hydrocena striata Schmeltz in Mus. God. cat. V. p. 100. (*H. subinsularis Mouss.* mss.)

Habitat in insula Roratonga.

PROSERPINACEA.

Pfr. Mon. Auric. 1856. App. I. p. 167. — *Bland* in Ann. Lyc. New-York VII. Oct. 1855. p. 149; VIII. May 1863; VIII. Nov. 1865. — *Proserpinidae Gray* (1847) 1856 in Proc. Zool. Soc. p. 46. 49; 1857 in *Pfr.* Catal. Auric. Brit. Mus. p. 144. — *Proserpinadae Gray* Guide to the syst. distr. of Moll. in the Brit. Mus. 1857. Part. I. p. 188.

I. Ceres Gray.

Pfr. Auric. I. p. 168; II. p. 145 *). — *Gray* in Proc. Zool. Soc. 1856. p. 100. — *H. & A. Adams* Gen. rec. moll. II. (Pt. 35. 1858) p. 647: genus Proserpinidarum. — *Pätel* Catal. 1873. p. 17. 126: genus Helicinaceorum.

Species:

1. eolina (Carocolla) Duclos. (Coll. 1.) Auric. I. 168. II. 146. — *Pfr.* Novit. conch. I. p. 92. — *H. & A. Adams* Gen. II. p. 647. t. 138. f. 13. — *Helix eolina Fér.* — *Odontostoma eolinum Pfr.* — *Proserpina eolina Pfr.* — Vera Cruz. reipubl. mexicanae.
2. Salleana Gray. (Coll. 2.) I. 169. II. 146. — *Gray* in Proc. Zool. Soc. 1856. p. 100. — *Pfr.* Novit. conch. I. p. 93. — *Pätel* Cat. p. 126. — *Proserpina Salleana Cum.* Mus. — Respubl. mexicana, Vera Cruz (Sallé), Huatusco, barranca de dos puentes (Mohr).

3. Nelso

II. Proserpina Gray.

Pfr. Mon. Auric. p. 169; II. p. 147. — *Mörch* Catal. Yoldi p. 43: genus Helicinidarum. — *Pätel* Catal. 1873. p. 17. 126: genus Helicinaceorum. — *Odontostoma Orbigny.*

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*) Designatio „Auric. I." Monographiam Auriculaceorum — „Auric. II." catalogum Auriculaceorum Musei britannici indicat.

Conspectus specierum.

A.	Lamellis palatalibus instructae (*genuinae*)	§. 1.	Nr. 1—2.
B.	— — carentes (*Odontostoma Orb.*) . .	§. 2.	— 3—6.
C.	— parietalibus nullis	§. 3.	— 7.

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1. nitida Gray. (Coll. 1.) I. 170. II. 148. — *Mörch* Cat. Yoldi p. 43. n. 869. — *Gloyne* in Journ. Conch. XX. p. 45. — *Pätel* Cat. p. 126. — *Helix Proserpina Pfr.* — *Odontostoma nitidum Pfr.* — Jamaica.
2. linguifera (Helicina) Jonas. (Coll. 2.) I. 171. II. 148. — *Proserpina allognota Jonas.* — *Helix allognota Desh.* — *Odontostoma allognotum Pfr.* — Var.: *Proserpina pulchra C. B. Adams.* — Jamaica.

§. 2.

3. pisum C. B. Adams. I. 172. II. 149. — *Gloyne* in Journ. Conch. XX. p. 45. — Jamaica.
4. globulosa (Odontostoma) Orb. (Coll. 3.) I. 172. II. 149. — *Pätel* Cat. p. 126. — Cuba, Isla de Pinos.
5. depressa (Odontostoma) Orb. (Coll. 4.) I. 173. II. 150. — *Pfr.* in Malak. Bl. VI. 1859. p. 81. — *Pätel* Cat. p. 126. — β. Major, diam. maj. $8^1/_2$, min. $7^1/_3$, alt. $4^1/_2$ mill. (Guane: Poey.) — γ. Fascia latiuscula rubra peripherica ornata. (Las Acostas: Gundlach.) — *Helicina ptychostoma Pfr.* olim. — Cuba.
6. bidentata C. B. Adams. † I. 174. II. 150. — Jamaica.

§. 3.

7. **P. Swifti Bland.**

„T. depressa, tenuis, nitidissima, diaphana, fulva; spira vix elevata; sutura distincte impressa; anfr. 5 lente accrescentes, ultimus latus, basi convexiusculus, juxta columellam excavatus; apertura lunaris, plica dentiformi, acuta, in columella munita; perist. simplex, tenue. — Diam. maj. 10, min. 9, alt. 4 mill.“ (B. — Coll. Nr. 5.)

Proserpina Swifti Bland in Ann. Lyc. New-York VIII. May 1863; Nov. 1865. p. 155. f. 1.

Habitat inter Porto Cabello et Valencia Venezuelae.

Species fossilis.

Helix Arnoudii Mich. I. 174.

Species excludendae.

Pr. discoidea Ad. = *Helix Proserpinula Pfr.*
— *opalina Pfr.* = *Helix margarita Pfr.*

III. Proserpinella Bland.

„Testa depressa, laevigata, utrinque callo nitido obducta; paries aperturalis lamina 1 munitus; apertura lunaris; peristoma simplex, rectum."

Proserpinella Bland in Ann. Lyc. New-York Nov. 1865. VIII. p. 157.

Species unica:

1. P. Berendti Bland. †

„T. depressa, tenuis, nitida, albida; spira brevissime elevata; sutura vix impressa, submarginata; anfr. 4, sensim accrescentes, ultimus latior, convexiusculus, basi convexior, juxta columellam excavatus; apertura parum obliqua, lunaris, unidentata, dente lamelliformi vix prominente intrante in pariete aperturali; perist. simplex, rectum. — Diam. maj. 3, min. $2^1/_2$, alt. $1^1/_2$ mill." (B.)

Proserpinella Berendti Bland in Ann. Lyc. N. York VIII. Nov. 1865. p. 157. f. 2.
— — *Strebel* in Abh. nat. Ver. Hamb. VI. 1. 1873. p. 11. t. 4. f. 5.

Habitat Mirador reipublicae mexicanae, in altit. 3000—4000 pedum (Dr. Berendt).

IV. Cyane H. Adams.

„Testa imperforata, helicinaeformis, depresso-globosa, nitida; columella truncata; apertura sublunaris; peristoma simplex, rectum."

Cyane (genus Proserpinidarum) *H. Adams* in Proc. Zool. Soc. 1870. p. 376.

„Columella quae in Cere et Proserpina plica spirali munita, in Cyane truncata est; laminae parietales et palatales

desunt. Intermedium videtur genus inter Proserpinam et Proserpinellam Bland.“ (Ad.)

Animal ignotum. Testa characteribus ad Sophinam Bens. valde accedit.

Species unica:

1. **C. Blandiana H. Adams.** †

„C. testa depresso-globosa, tenui, diaphana, nitida, concentrice minutissime et confertissime punctulato-striata, lutea vel fulva; spira convexo-conoidea, apice obtuso, sutura distincta; anfr. 5, vix convexis, ultimo basi paulo convexiore, medio excavato; apertura obliqua, sublunari; columella callosa, leviter arcuata, ad basin truncata; perist. recto, tenui. — Diam. maj. 8, min. 7, alt. $5^1/_4$ mill.“ (H. Ad.)

Cyane Blandiana H. Adams in Proc. Zool. Soc. 1870. p. 376. t. 27. f. 2. 2a.

Habitat in Peruvia orientali.

AURICULACEA.

Pfr. Mon. Auric. 1856. p. 1. — *Pätel* Catal. 1873. p. 16. 114. — *Auriculidae Gray* in *Pfr.* Catal. of Auriculidae, Proserpinidae and Truncatellidae in the collection of the Brit. Mus. 1857. p. 1. — *Binney* Land- and freshw. shells of North-Amer. II. 1865. p. 1.

Subfam. I. Otinea.

Pfr. Mon. Auric. p. 11. — *Otininae Gray* in *Pfr.* Auric. Brit. Mus. p. 6. — *H. & A. Adams* Gen. rec. Moll. II. p. 249. 644*).

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*) „Dr. Gray has raised this sub-family to the rank of a family to receive the genera Otina, Chilina, Camptonyx and possibly Monvillia, which differ from Auriculidae in having flattened tentacles, and from Limnaeidae in having the eyes on the upper part of the base of the tentacles, instead of at the inner edge of the base, and in having coloured shells.“

I. Otina Gray.

Pfr. Mon. Auric. I. p. 11; II. p. 6. — *Pätel* Catal. 1873. p. 16. 114.

Species:

1. otis (Helix) Turton. I. 12. II. 7. — *Malzine* Faun. malac. Belg. p. 50. — *Petit* Cat. moll. test. mers d'Eur. p. 105. — *Pätel* Cat. p. 114. — *Velutina otis Flem.* — *Galericulum otis* et *ovatum Brown.* — Britannia, Belgia.
2. ? zonata (Velutina) Gould. I. 12. II. 7. — Conf. *Binn.* North-Amlandsh. II. p. 22. f. 23. — *Monvillia*) zonata H. & A. Ad.* Gen. II. p. 645. — Status Uniti.
3. ? fusca A. Adams. I. 12. II. 7. — *Monvillia fusca H. & A. Ad.* Gen. II. p. 645. — Benguela.

II. Camptonyx Benson.

„Testa pileiformis, oblique conica, apice libero subspirali, oblique incurvato, versus latus dextrum spectante; anfractibus $1^1/_2$, ultimo paene totam testam efformante; costa dorsalis carinaeformis subspiralis sulcum interiorem tegens, ab apice usque ad marginem dextrum descendens; apertura maxima, mediana, symmetrica, regulariter ovata, integra, omni latere expansa.“ (Bens.)

Camptonyx (novum genus Molluscorum terrestrium) *Bens.* in Ann. and Mag. nat. hist. 3d. ser. I. 1858. p. 336.
— (genus Otinidarum) *H. & A. Adams* Gen. rec. Moll. II. pt. 35. 1858. p. 644.

Ex animalis brevi descriptione, a Woodward (ap. *Bens.* p. 338) curata et ex icone genus ad Auriculacea referendum

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*) *Monvillia Gray* in *Adams* Gen. II. p. 645 (genus Otinidarum?). „Tentacles thin, rather depressed, near together ad the base. Eyes on the outer side near the base. Mantle thickened within the front. Foot oblong. — Shell ovate, orbicular, compressed; spire conical, whorls three or four, the upper small, the last very large; aperture ovate, very large, nearly the whole length of the shell; outer lip sharp and spreading; inner lip sharp edged, margined with a flattened, crescent-shaped, opaque-white space. Ex.: *O. zonata Gould.* This genus is founded on *Velutina* (Limneria) *zonata*, and *Otina fusca* forms a second species.“ (Ad.)

videtur, etsi *Mörch* (Journ. Conch. XV. 1867. p. 356) ad Succineas referat*).

P. Fischer (Journ. Conch. VII. 1858. p. 316) genus cum *Valenciennesia Rouss.* (1842 pro testa fossili e Tauria condita) identicam declarat.

Species:

1. C. Theobaldi Benson. †

„Testa (supina) cornucopiam simulante, tenui, concentrice rugosa, purpureo-fusca, dorso ad latus sinistrum compressiuscula, costa carinaeformi subspirali, sulco postice adjecto, ab apice usque ad marginem dextrum aperturae descendente; apice obtuso; apertura ovali, intus purpureo-lutescente, nitida; peristomate acuto. — Long. 10; diam. dors. $4^1/_2$ mill.; apert. 8 mill. longa, 6 lata.“ (B.)

Camptonyx Theobaldi Bens. in Ann. and Mag. n. h. 3d. ser. I. 1858. p. 336. t. 12.
— — *H. & A. Adams* Gen. rec. moll. II. p. 644. t. 138. f. 10. 10 a.
— — *Hanl. & Theob.* Conch. Ind. V. t. 81. f. 5. 6.
Valenciennesia Theobaldi Fisch. in Journ. Conch. VII. 1858. p. 319

Habitat ad latera jugi montis „Girnar“ dicti, Peninsulae Guzeratensis; invenit W. Theobald jun.

Subfam. II. Melampea.

Pfr. Mon. Auric. p. 13. — *Melampinae Ad.*, *Gray* in *Pfr.* Auric. Brit. Mus. p. 8. (*Pfr.* Auric. II.) — *Melampidae Stimps.*

*) Genus *Lantzia* a *Jousseaume* in Revue et Mag. de Zoologie XXIII. 1871. p. 5 propositum non solum testa sed etiam animalis formatione generi Bensoniano simile, sed ex Auctorum sententia ad Limnaeacea potius referendum, etsi ex indicatione habitationis *L. carinatae* ibid. p. 6. t. 2. f. 5. 6 „in muscis ad 1200—1300 met. altit. in insulae Bourbon“ animal terrestre putare possemus. — An idem genus: *Erinna H. & A. Adams*? Conf. *Morelet* in Journ. Conch. XXIII. 1875. p. 280.

III. Melampus Montfort.

Pfr. Mon. Auric. I. p. 13; II. p. 8. — Conf. *Mörch* in Malak. Bl. VI. 1859. p. 117. — *Paiva* Moll. Mader. p. 150. — *Pätel* Catal. 1873. p. 16. 114. — *Conovulus Cuv.* — *Melampa Schweigg.* — *Conovula Fér.* — *Conovulum Sow.* — *Tralia Gray, Pira, Tifata, Signia* et *Persa H. & A. Adams.* — *Laimodonta Nutt.*

Conspectus specierum.

I.	Labro transverse pluricostato.			
	a. Plica parietali nulla (*Detracia Gray*) .	§. 1.	Nr.	1— 5.
	b. — — unica . . .	§. 2.	—	6— 21.
	c. Plicis parietalibus 2 . . .	§. 3.	—	22— 43.
	d. — — 3 . . .	§. 4.	—	44— 59.
	e. — — pluribus	§. 5.	—	60— 67.
II.	Labro obsolete plicato . . .	§. 6.	—	68— 74.
III.	Labro transverse unicostato .	§. 7.	—	75— 88.
IV.	Labro inermi.			
	a. Plica parietali nulla . .	§. 8.	—	89— 90.
	b. — — unica (*Ophicardelus Beck*)	§. 9.	—	91—102.
	c. Plicis parietalibus binis .	§. 10.	—	103—110.
V.	Species dubiae	§. 11.	—	111—113.
VI.	— fossiles	§. 12.	—	114—119.

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§. 1.

1. commodus H. & A. Adams. I. 16. II. 10. — Nova Seelandia.
2. mitralis H. & A. Adams. I. 16. II. 11. — *Tralia mitralis H. & A. Ad.* — Mogador.
3. Poeyi Pfr. (Coll. 1.) I. 17. II. 11. — *Pätel* Cat. p. 114. — Cuba.
4. cingulatus (Auricula) Pfr. (Coll. 2.) I. 17. II. 12. — *Binn.* Terr. Moll. IV. p. 161. t. 75. f. 12. 13. — *Gloyne* in Journ. Conch. XX. p. 46. — *Pätel* Cat. p. 114. — *Auricula oliva Orb., stenostoma Küst.* olim. — *Tralia cingulata H. & A. Adams, Binn.* Land- and freshw. sh. North-Am. II. p. 18. f. 19. — *Tryon* in Amer. journ. conch. IV. p. 9. t. 18. f. 10. — Cuba, Jamaica, Portorico, Florida.
5. ? bullaoides (Voluta) Mont. † I. 18. II. 12. — *Tornatella bullaoides Fér.* — *Auricula multivolvis Jeffr., bullaoides Gray.* — *Melampus bulla Lowe.* — *Detracia bullaeoides Gray.* — *Conovulus bullaoides Forb. & Hanl.* — India occidentalis?, Africa borealis.

§. 2.

6. angistomus (Auricula) Desh. † I. 19. II. 13. — *Auricula angystoma Desh.* — *Melampus angiostoma H. & A. Ad.* — *Conovulus angiostomus Küst.* — *Tralia angiostoma H. & A. Ad.* — Habitat?

7. M. oblongus Pfr.

T. subrimata, oblonga, solida, laevigata, fulvido-carnea, albido obsolete fasciata et strigata, strigisque variciformibus irregularibus fusculis notata; spira convexo-conoidea, apice mucronulata, plerumque fusca; sutura linearis, lacera; anfr. 8—9 vix convexiusculi, ultimus $^3/_5$ longitudinis formans, prope suturam subangustatus, basi saccatus; apertura verticalis, angusta, callo profundo nodiformi parietali et plica columellari obliqua, compressa coarctata; perist. fusco-limbatum, margine dextro acuto, intus callo albo subplicifero munito, columellari incrassato, adnato. — Long. $11^1/_2$, diam. 6 mill. Apert. 7 mill. longa, 2 lata. (Coll. Nr. 3.)

β. Paulo minor, gracilior, castaneus, albo-trifasciatus.

Melampus oblongus Pfr. in Proc. Zool. Soc. 1856. p. 393.
— — *Pfr.* Auric. Brit. Mus. p. 13.
— — *Pätel* Catal. p. 114.

Habitat in insula Bermuda.

Obs. Habitu similis *M. cingulato*, sed evidenter affinior *M. angiostomo Desh.*, a quo differt statura, numero anfractuum et callo marginis dextri non denticulato.

8. M. Massauensis Ehrenberg.

„Testa imperforata vel subimperforata, ovato-conica vel subfusiformis, solida, levissime per longitudinem striatula, parum nitida, fulvo-flavescens; spira plus minusve elato-conica; anfractus 8—10, planiusculi, sutura simplici interdum vix marginata divisi, ultimus superne obsolete angulatus, basi attenuatus, $^3/_5$—$^5/_7$ longitudinis formans; apertura subobliqua, anguste oblonga, 2—3 plicis coarctata: plica parietalis 1; columellaris 1, interdum interlamellaris 1; labrum acutum vel subincrassatum, arcuatim antrorsum dilatatum, intus callo albo, marginem non attingente transverse plicifero munitum. — Dimensiones pervariabiles: biplicatorum alt. $12^1/_4$—$14^3/_4$, alt. spirae $2^1/_2$—3, diam. $5^1/_2$—8; apert. alt. 8—$10^1/_2$, lat. $2^1/_4$—3 mill.; triplicatorum alt. 11—$15^1/_2$, alt. spirae $1^1/_4$—3, diam. maj. 7—$8^1/_4$; apert. alt. 9—$11^3/_4$, lat. $2^1/_4$—3 mill." (Jick. — Coll. Nr. 4.)

Melampus Massauensis Ehrenb. in Mus. Berol.; *Pfr.* in Malak. Bl. V. 1858. p. 240 *).
— — *Jickeli* in Nachr. malak. Ges. IV. 1872. p. 87; Moll. Nordost-Afr. 1874. p. 173. t. 7. f. 1.
— *Erythraeus Morelet* in Ann. Mus. Genov. III. 1872. p. 204 **). t. 9. f. 12.
— *massaensis Pätel* Catal. p. 114.

Habitat Massaua sinus Arabici.

Obs. Species pervariabilis, e paucis speciminibus a me olim, e millibus a *Jickeli* descripta.

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9. Gundlachi Pfr. (Coll. 5.) I. 20. II. 14. — *Pätel* Cat. p. 114. — Cuba, Bermuda.
10. ? biplicatus (Auricula) Desh. † I. 21. II. 14. — *Conovulus biplicatus Beck.* — America.
   Obs. *Binney* (Amer. landsh. II. p. 10) inter synonyma *Melampodis bidentati Say* laudat.
11. flavus (Voluta) Gmel. (Coll. 6.) I. 21. II. 14. — *Binn.* Terr. Moll. IV. p. 166; Land- and freshw. sh. North-Am. II. p. 12. f. 14. — *Tryon* in Amer. journ. conch. IV. p. 8. t. 18. f. 6. — *Gloyne* in Journ. Conch. XX. p. 45. — *Pätel* Cat. p. 114. — *Bulimus monile Brug.* — *Melampa monile Schweigg.* — *Conovulus monile Goldf.*, *flavus Ant.* — *Auricula monile Fér.*, *flava Desh.*, *coniformis Orb.* — *Melampus monile Lowe*, *torosa Mörch*, *monilis Shuttl.* — India occidentalis.
12. Liberianus H. & A. Adams. I. 23. II. 15. — *Pätel* Cat. p. 114. — An ejusdem forma imperfecta: *Melampus obovatus Ad.* (Nr. 70)? — Liberia.

13. M. Fricki Pfr.

T. subperforata, oblongo-fusiformis, solida, longitudinaliter conferte plicata, rufa; spira convexo-conica, mucronata; sutura

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*) „T. imperforata, subfusiformis, solida, levissime striatula, vix nitidula, fulvo-flavescens; spira convexiusculo-conica, mucronata; sutura linearis, sublacera; anfr. 8—9 planiusculi, superi corrosi, indistincti, ultimus $^3/_5$ longitudinis subaequans, superne obsolete angulatus, basi attenuatus; apertura subobliqua, anguste semiovalis, dente 1 parietali et plica columellari obliqua, subbasali coarctata; perist. acutum, arcuatim antrorsum dilatatum, intus callo albo, marginem non attingente, transverse plicifero munitum. — Long. $9^1/_2$—$10^1/_2$, diam. $5^2/_3$ mill. Ap. $6^1/_2$—7 mill. longa."

**) „T. subimperforata, ovato-biconica, solida, rufa, parum nitida, irregulariter pauci-sulcata, lineis spiralibus exilissimis superne et inferne notata; spira acute conica, vertice subtili; sutura normalis, demum irregulariter crenulata; anfr. 10 planiusculi, ultimus obscure angulatus et fasciatus, basi attenuatus, longitudinis $^5/_7$ aequans; apertura angusta, plica parietali unica vel duplici, et columellari mediocre, marginem vix attingente, coarctata; peristoma crassiusculum, fusco limbatum, margine dextro intus albo-calloso, plicis transversis 7—8 munito. — Long. 14, diam. 7 mill." (M.)

linearis, sublacera; anfr. 10 planiusculi, ultimus spiram paulo superans, basi compressus, medio plicis evanidis sublaevigatus; apertura angusta, basi rotundata; plica parietalis 1 compressa; plica columellaris dentiformis, extrorsum prolongata; perist. simplex, margine dextro intus plicis sub-5 intrantibus munito, columellari calloso, sublibero. — Long. 12, diam. $5^2/_3$ mill. Apert. $7^1/_3$ mill. longa, $1^1/_2$ lata. (Mus. Cuming.)

Melampus Fricki Pfr. in Proc. Zool. Soc. 1859. p. 29.

Habitat in insulis Sandwich. (Dr. Frick.)

14. M. semiplicatus Pease. †

„T. elongato-ovata, saturate rufa olivacescens; apex acutus; anfr. 8—9; spira et pars superior anfractus ultimi plicata, reliqua pars striis incrementi rudibus munita; apertura angusta, superne acuta; plicae 2 transversae ad basin columellae, plica unica in labio infra medium, tres in labro." — Dimens.? (P. angl.)

Melampus (Tralia) semiplicata Harper Pease in Proc. Zool. Soc. 1860. p. 146 et 1869. p. 60 (animal).

— *semiplicatus Schmeltz* in Mus. God. Cat. V. p. 88.

Habitat in insulis Sandwich.

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15. olivula (Auricula) Moric. I. 23. II. 16. — *Tralia olivula H. & A. Adams.* — Brasilia, Columbia.
16. parvulus Nutt. (Coll. 7.) I. 24. II. 16. — *Martens & Langk.* Don. Bismark. 1871. p. 56. t. 3. f. 10. — *Pätel* Cat. p. 114. — Ins. Oahu.
17. Adamsianus Pfr. (Coll. 8.) I. 24. II. 17. — *Gassies* Faun. Nouv. Caléd. p. 57. t. 7. f. 2. — *Tralia Adamsiana H. & A. Ad.* — Nova Seelandia; ins. Art Novae Caledoniae.

18. M. avenaceus Mousson. †

„T. vix subrimata, ovato-oblonga, tenuiuscula, laevigata, nitida, diverse colorata, unicolor lutea, luteo et fusco fasciata, tota fusco-nigra. Spira convexo-conica; summo acuto, granoso-prominulo; sutura irregulari, late submarginata. Anfr. 10, planiusculi; primi lineis plicosis et sulcis spiralibus granulosi; sequentes subplicosi; ultimus striatulus, ad basin crebre sulcatus; superne et inferne obscure angulatus, medio cylindraceo-conicus. Apert. subverticalis (10^0 cum axi), $^3/_5$ altit. aequans, anguste et acute semiovalis, ad basin arcte rotundata. Plica parietalis una, compressa, in medio parietis sita; interdum secunda supera, obsoleta; plica columellaris obliqua, acutula,

extrorsum producta, in marginem basalem incurvata. Perist. rectum, acutum, pallidum; margine dextro ad insertionem paulo retracto, tum antice leviter sinuoso, intus plicis 3, profundis, elongatis, distantibus, quarta supera saepe deficiente, munito; columellari calloso, adnato. — Long. 7,5, diam. 3,8 mill. — Rat. anfr. 3:2. — Rat. apert. 4:1." (M.)

β. Vavaoensis. — Paulo major (8—9 mill.), paulo ventrosior, concolor vel diverse fasciata, anfractibus superis obscure rotundato-angulatis.

Melampus avenaceus Mouss. in Journ. Conch. XVIII. 1870. p. 134; XIX. 1871. p. 21.
— — *Pätel* Catal. p. 114 (et *M. arenatus „Mouss." Pätel* ibid.?).
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 88.

Habitat Ovalau insularum Feejee, var. *β* in insula Vavao (Gräffe).

Obs. Species *M. commodo Adams* et *Adamsiano Pfr.* proxime affinis.

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19. zealandicus H. & A. Adams. I. 25. II. 17. — Nova Seelandia.

20. M. sulculosus Martens. †

„Testa oblongo-ovata, sulcis spiralibus numerosis sculpta, nigrofusca, raro fasciis nonnullis pallidis picta; spira mediocris, convexa; anfr. 6, convexiusculi, ultimus non angulatus; apertura $^3/_4$ longitudinis totius testae occupans, versus basin paulo latior; plica parietalis unica, infera, parva; plica columellaris obliqua; margo basalis rotundatus, externus strictus, plicis internis 2—3. — Long. 8, diam. 4; apert. alt. 6 mill." (v. M.)

Melampus sulculosus Martens in Monatsber. Berl. Ak. 16 Jan. 1865. p. 55.

Habitat in insula Amboina.

Obs. „Sculptura et colore *Cassidulae sulculosae Mouss.* similis."

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21. globulus (Auricula) Fér. (Coll. 9.) I. 26. II. 18. — *Pätel* Cat. p. 114. — *Melampus margarita Beck.* — *Tralia globulus H. & A. Adams.* — Columbia.

§. 3.

22. Cumingianus (Conovulus) Recluz. I. 27. II. 18. — *Conovulus elongatus Petit.* — *Melampus elongatus H. & A. Adams.* — *Tralia Cumingiana H. & A. Adams.* — Ins. Philippin.
23. spiralis Pfr. (Coll. 10.) I. 27. II. 19. — Habitat?

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24. coffea (Bulla) Linn. (Coll. 11.) I. 28. II. 19. — *Binn.* Terr. Moll. IV. p. 162. t. 75. f. 21. 25 (var.? t. 79. f. 6); Land- and freshw. sh. North-Am. II. p. 13. f. 15. — *Tryon* in Amer. journ. conch. IV. p. 8. t. 18. f. 7. 8. — *Gloyne* in Journ. Conch. XX. p. 46. — *Pätel* Cat. p. 114. — *Voluta coffea Linn., minuta Gmel.* — *Ellobium Barbadense Bolt.* — *Bulimus coniformis Brug.* — *Melampus coniformis Montf., fusca Mörch, coffeus H. & A. Ad.* — *Melampa minuta Schweigg.* — *Tornatella coniformis Blainv.* — *Auricula coniformis Fér., ovula Orb.* — *Conovulus coniformis Lam., coffeus Beck.* — India occidentalis, Mexico, Cayenne, etc.

25. obliquus Say. † I. 30. II. 21. — *Binn.* Terr. Moll. IV. p. 167. (Conf. *Binn.* Land- and freshw. sh. North-Am. II. p. 15 adnot.) — Carolina meridionalis.

26. castaneus (Voluta) Mühlf. (Coll. 12.) I. 30. II. 21. — *Mouss.* in Journ. Conch. XVII. 1869. p. 349: Upolu. — *Martens & Langk.* Don. Bismark. p. 56. t. 3. f. 9. — *Pätel* Cat. p. 114. — *Conovulus fuscus Phil., leucodon A. Adams.* — *Auricula fusca Küst., castanea Phil.* — *Melampus lugubris Beck, leucodon A. Ad. & Reeve, fuscus M. E. Gray.* — Ins. Sandwich.

27. Ceylonicus (Auricula) Petit. (Coll. 13.) I. 31. II. 22. — *Melampus ceylanicus H. Nevill* Enum. Helic. etc. Ceyl. 1871. p. 4. — Ceylon.

28. Philippii (Auricula) Küst. (Coll. 14.) I. 31. II. 22. — *Mouss.* in Journ. Conch. XVII. 1869. p. 348: Upolu. — *Martens & Langk.* Don. Bismark. p. 56: Paumotu. — *Pätel* Cat. p. 114. — Tahiti.

29. M. Pfeifferianus Morelet. †

„T. subfusiformis, solida, vix striatula, nitida, griseo-fusca, prope basim pallide fasciata, deinde aurantio-fulva; spira regulariter conica, apice acuto, nigricante; sutura linearis, partim lacera; anfr. 10 plani, ultimus $^2/_3$ longitudinis paulo superans, ad suturam leviter compressus, basi attenuatus; apertura verticalis, elongata, infra medium plicis 3 mediocribus, aequidistantibus, munita; plicae 2 parietales, infera minore; 1 columellaris spiraliter descendens; peristoma acutum, aurantio-fuscidulum, margine dextro intus calloso, plicis 6—7 tranversis, albido-caeruleis munito, columellari crassiusculo. — Longit. 15, diam. 7; longit. apert. $10^1/_4$ mill.“ (M.)

Melampus Pfeifferianus Morelet Sér. conch. II. 1860. p. 95. t. 6. f. 6.

Habitat in insula Mayotte.

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30. Tabogensis (Auricula) C. B. Adams. (Coll. 15.) I. 32. II. 22. — Taboga, Panama.

31. M. Siamensis Martens. †

„Testa ventricoso-ovata, solidula, glabra, pallide brunnea, plurifasciata; spira convexo-conoidea; sutura appressa, lacera;

anfr. 7—8, ultimus tumidus, versus basin paulum attenuatus, basi sulcis compluribus cinctus; apertura $^3/_5$—$^3/_4$ longitudinis occupans, angusta, basi paulum dilatata, vix effusa; plicae parietales 2, *superior subverticalis, plus minusve denticulata*, inferior compressa, intrans; plica columellaris obliqua; margo columellaris adnatus, haud distinctus; margo externus acutus, plicis internis usque 6 subremotis, 3 majoribus subelongatis, ceteris alternis brevioribus. — Long. 11—13$^1/_2$, diam. 6—7$^1/_2$; alt. apert. 7$^1/_2$—10 mill.“ (v. M.)

Melampus Siamensis Mart. in Monatsber. Berl. Akad. 16 Jan. 1865. p. 54.
— — *Jickeli* Moll. Nordost-Afr. p. 176 *). t. 7. f. 2.
— — *Pätel* Catal. p. 114.
— — *Issel* Moll. Born. p. 57.
— — *Morelet* Séries conch. IV. 1875. p. 271.
— *Ehrenbergianus Morelet* in Ann. Mus. Genov. III. 1872. p. 203 **). t. 9. f. 13.
— *fasciatus Morelet* ibid. p. 26.

Habitat Petchaburi in Siam; Schech Said, Dahlak etc. Maris Rubri; Borneo.

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32. Küsteri (Auricula) Krauss. I. 33. II. 23. — *Auricula monile Reeve*. — *Tralia Küsteri H. & A. Adams*. — Ora Natalensis.

33. M. obtusus Gassies. †

„Testa obtecte rimata, conica, subcarinata, nitida, solida, unicolor castanea, ad carinam luteo cincta, longitudinaliter strigata; spira brevis, rapide acuminata; anfractus 9 (ultimus

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*) „Testa imperforata, ventricoso-ovata, solida, tenuissime per longitudinem striatula, nitidula, unicolor pallide brunnea, vel plurifasciata; spira convexo-conoidea, apice acuminato, mucronato; anfr. 7—9, planiusculi, regulariter et lente crescentes, sutura appressa lacera divisi, ultimus tumidus, superne vix angulatus, basi attenuatus et impresse striatus, $^3/_5$ longitudinis superans; apertura subobliqua, anguste elongata, basi parum dilatata, vix effusa; plicae parietales 2: superior subverticalis, plus minusve denticulata, inferior compressa; plica columellaris obliqua, marginem attingens; margo columellaris incrassatus, adnatus, interdum vix solutus, externus acutus, intus incrassatus, pliciferus. — Alt. 11$^1/_2$—12$^1/_3$, diam. maj. 7—7$^2/_3$; apert. alt. 9—9$^1/_2$, lat. 3$^3/_4$—4$^1/_2$ mill.“ (J.)

**) „T. subimperforata, oblonge ovalis, solida, rugosiuscula, sub lente striatula, nitida, carneo-grisea; spira brevis, obtuse conoidea, saturate violacea; sutura irregularis; anfr. 9 planiusculi, ultimus basi attenuatus, $^2/_5$ longitudinis aequans; apertura angusta, subeffusa, lamellis 2 parietalibus, infera prominente, dentiformi, supera oblique compressa, et plica columellari profunda marginem attingente coarctata; peristoma acutum, margine dextro intus albo-calloso, plicis transversis 4 munito, cum altero callo nitido, lato, fuscescente, juncto. — Longit. 12, diam. 6 mill.“ (M.)

$^3/_4$ longitudinis aequans), superne planati; apice mucronato; sutura depressa, luteola, sublacerata; apertura angusta, subflexuosa, superne angulata, basi ovato-patula, intus castanea, plicis 3, 2 parietalibus profunde intrantibus, 1 columellari majore, ascendente; peristoma subincrassatum denticulis 8—10, irregularibus, albis munitum, rufo-violaceum; columella rufonitida. — Long. 12, diam. $7^1/_2$ mill. Apert. $9^1/_2$ mill. longa, $2^1/_2$ lata.“ (G.)

Melampus obtusus Gass. in Journ. Conch. XVII. 1869. p. 73.

Habitat in insula Art Novae Caledoniae (Montrouzier).

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34. Redfieldi Pfr. (Coll. 16.) I. 33. II. 23. — *Binn.* Terr. Moll. IV. p. 170. — *Pätel* Cat. p. 114. — Ins. Bermuda, Florida?
35. sciuri (Auricula) Lesson. † I. 57. II. 43. — Apert. 2 mill. lata. — *Gassies* Faun. Nouv. Caléd. p. 59. t. 7. f. 6. — Nova Hibernia (Less.), Balade Novae Caledoniae (Magen).
36. hepaticus (Auricula) Philippi. † I. 34. II. 24. — Liew Kiew.
37. Umlaasianus (Auricula) Krauss. I. 34. II. 24. — Ora Natalensis.

38. M. exesus Gassies. †

„Testa subrimata, ovato-conica, solida, longitudinaliter striatula, circumsulcata, castanea, concolor, epidermide brunneolutea, decorticata; spira brevis, convexo-conoidea, decollata; sutura impressa, lacerata; anfractus 3 planiusculi, ultimus $^3/_4$ longitudinis aequans; apertura vix obliqua, angusta, superne acuto-angulata, inferne breviter rotundata; plicae parietales 2, supera major elongata, vel multidentata (6?), infera alba, horizontalis; plica columellaris acuta, elevata, albo-rosea; peristoma simplex, subpatulum, carneolum, lactescens, violaceo-nitidum, margine dextro superne angulato, inferne subrotundato; intus denticulis 5, albis munita; columella alborosea, nitida. — Diam. maj. $6^1/_2$, alt. 9—10; apert. 9 mill. longa, 2 lata.“ (G.)

Melampus exesus Gass. in Journ. Conch. XXII. 1874. p. 212.

Habitat „Baie du Sud“ Novae Caledoniae (Lambert).

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39. pulchellus (Auricula) Petit. (Coll. 17.) I. 35. II. 25. — *Tralia pulchella H. & A. Adams.* — Ins. Philippin., Singapore.

40. M. nucleolus Martens. †

„Testa piriformis, imperforata, nitidula, nigrocastanea; spira brevis, conica; anfr. 6, subgradati, ultimus supra rotun-

datus, basin versus sensim attenuatus, basi lineis impressis spiralibus cinctus; apertura angusta, basi subeffusa, non dilatata; plicae parietales 2, ambae inferae, subaequales, albae; plica columellaris valde obliqua; margo columellaris incrassatus, aurantius; margo externus strictus, nigrocastaneus, plicis internis circiter 10 subremotis, albis, alternis minoribus. — Long. 6—8, diam. 4—5, apert. alt. 5—6$^1/_2$ mill.“ (v. M.)

Melampus nucleolus Martens in Monatsber. Berl. Ak. 16 Jan. 1865. p. 55.

Habitat in insulis Amboina et Ceram.

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41. Floridanus (Auricula) Shuttl. (Coll. 18.) I. 35. II. 25. — *Binn.* Terr. Moll. IV. p. 165. t. 75. f. 30; Land- and freshw. sh. North-Am. II. p. 16. f. 17. — *Tryon* in Amer. journ. conch. IV. p. 9. t. 18. f. 11. — *Pätel* Cat. p. 114. — *Auricula Rugeli Charp.* — *Tralia Floridana H. & A. Adams.* — Florida.

42. triticeus (Auricula) Phil. (Coll. 19.) I. 36. II. 26. — *Gassies* Faun. Nouv. Caléd. p. 62. — *Cassidula triticea H. & A. Adams.* — China?, Balade Novae Caledoniae.

43. **M. granum Gassies.** †

„Testa imperforata, minima, oviformis, nitida, castanea, epidermide fulva tenui, longitudinaliter subtilissime striatula; spira conica, brevis; anfr. 6—7, ultimus $^2/_3$ longitudinis aequans, superne attenuatus; apice mucronato; sutura mediocris, lacerata; apertura angusta, superne stricta, basi rotundato-patula, intus brunneo-rufescens; plicis 3, parietalibus 2 horizontalibus, superiore majore, columellari 1 mediocri, ascendente, carneola; peristoma simplex, carneo-brunnescens, denticulis 6—7 irregularibus, albis munitum. — Diam. 3, alt. 6 mill. Apert. 3$^1/_2$ mill. longa, 1 lata.“ (G.)

Melampus granum Gass. in Journ. Conch. XVII. 1869. p. 74.

Habitat in insula Art Novae Caledoniae (Montrouzier).

§. 4.

44. luteus (Auricula) Quoy & Gaim. (Coll. 20.) I. 36. II. 26. — *Gassies* Faun. Nouv. Caléd. p. 62. — *Mouss.* in Journ. Conch. XVII. 1869. p. 346 (Manua, Upolu); XXI. 1873. p. 106 (ins. Ellice). — *Martens & Langk.* Don. Bismark. p. 55: Kingsmill. — *Pätel* Cat. p. 114. — *Schmeltz* in Mus. God. cat. V. p. 88. — *Conovulus Columbiensis Mühlf., luteus Ant.* — Var.?: *Melampus pallescens Sow.* — *Auricula pallescens Küst.* — Vanikoro, Guam, Java, ins. Philippin., ins. Art et Lifu Novae Caledoniae.

45. M. olivaceus Carpenter. †

„M. t. parva, sublaevi, conoidea, spira depressa, infra suturam indistinctam obscure angulata; albida, fusco-purpureo irregulariter tessellata, epidermide adhaerente olivacea induta; anfr. 7 vix monstrantibus, planatis; apertura longa, angusta, ad marginem fusco-purpurea, intus alba; labro ad marginem acuto, intus dentato, dentibus in liras acutas, in adulta saepe obsoletas, decurrentibus; labio tenui, plica una parietali, transversa, inter denticulas duas sita, in juniore denticulis numerosis intus conditis; columella plica una obliqua, ad basin excurrente; parietibus internis in adulta absorptis. — Long. 0,65, long. spir. 0,11, lat. 0,38, diverg. 110°." (C.) Long. 13, diam. 8 mill.

Melampus olivaceus Carp. Catal. Reigen coll. p. 178. n. 235.
— — *W. G. Binney* Terr. moll. Un. St. IV. p. 26. t. 79. f. 8; Land- and freshw. shells North-Am. II. p. 9. f. 10.
— — *Tryon* in Amer. journ. conch. IV. p. 7. t. 18. f. 4.
— — *Pätel* Catal. p. 114.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 88.

Habitat Mazatlan et San Diego in littore pacifico Americae borealis.

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46. acromelas (Auricula) Trosch. (Coll. 21.) I. 37. II. 27. — Peruvia.

47. Boholensis H. & A. Adams. (Coll. 22.) I. 38. II. 27. — *Auricula Küsteri var. Küst.* — Ins. Philippin.

48. fasciatus (Auricula) Desh. (Coll. 23.) I. 38. II. 28. — *Morelet* Sér. conch. II. p. 95: ins. Mayotte. — *Mouss.* in Journ. Conch. XVII. 1869. p. 348 (Savai) et var. *fortis:* solida, crassa, alt. 16, diam. 10 mill., saepe dentibus supernumerariis (Manua). — *Martens & Langk.* Don. Bismark. p. 55: Tahiti. — *Morelet* in Ann. Mus. Genov. III. 1872. p. 203 (conf. *Melampus Ehrenbergianus Mor.*); Séries conch. IV. 1875. p. 271: Saigon. — *Pätel* Cat. p. 114. — *Schmeltz* in Mus. God. cat. V. p. 88 cum var. minore et graciliore. — *Conovulus fasciatus Griff.* — *Auricula soricina Hombr. & Jacq.*, *sauricina Rouss.* — *Cassidula monilis M. E. Gray?* — *Tralia fasciata H. & A. Adams.* — *Pira fasciata Frfd.* in Verh. zool. bot. Ges. Wien XIX. 1869. p. 877: Nicobar. — Var.: *Voluta flammea δ Gmel.*, *Conovulus zonatus Mühlf.* — Nova Hibernia, Nova Guinea, ins. Philippin., Java, etc.

49. ? M. taeniola (Auricula) Hombron & Jacquinot. †

Auricula taeniola Hombr. & Jacq. Voy. Pol Sud. Zool. V. p. 37. t. 9. f. 16—19. (Conf. *Pfr.* Mon. Auric. p. 39 sub *M. fasciato.*)

Melampus taeniola Martens & Langk. Don. Bismark. 1871. p. 56. t. 3. f. 12. (Synon. *Auricula monile var. Quoy & Gaim.* Voy. Astrol. p. 30 et 33; *Melampus fasciatus var. d Listeri Beck* Ind. p. 107; *Auricula Küsteri var. Küst.* Auric. p. 35. t. 4. f. 12. 13.)

Habitat Mangareva (Hombr.), Kingsmill (Pease).

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50. caffer (Auricula) Krauss. (Coll. 24.) I. 40. II. 29. — *Morelet* Sér. conch. II. p. 94: ins. Mayotte. — *Martens & Langk.* Don. Bismark. p. 56. t. 3. f. 11. — *Pätel* Cat. p. 114. — *Schmeltz* in Mus. God. cat. V. p. 88. — Var. β: *Conovulus ater Mühlf.* — *Melampus ater H. & A. Adams.* — Ora Natalensis, ins. Philippin., var. β Oheatora.
51. lividus (Auricula) Desh. (Coll. 25.) I. 40. II. 29. — *Morelet* Sér. conch. II. p. 94: ins. Mayotte. — Ora Natalensis, ins. Mauritius.
52. Sincaporensis Pfr. I. 41. II. 30. — Singapore.

53. M. Dupontianus Morelet. †

„T. imperforata, ovalis, striatula sulcisque distantibus irregulariter notata, nitida, virenti- vel griseo-fuscescens, fascia interdum lata infra suturam cingulata; spira conoidea, mucronata; sutura impressa, demum sublacera; anfr. 8—9 planiusculi, ultimus basi attenuatus, longitudinis $^3/_7$ fere aequans; apertura angusta, oblonga, sursum acuminata; paries aperturalis denticulo profundo et plicis 2 inaequalibus, supera validiore, munitus; plica columellaris extrorsum porrecta; perist. acutum, rubellum, margine dextro plicis transversis obsoletis 5—6 praedito. — Long. 8, diam. 5 mill., var. minoris long. $7^1/_2$, diam. 4 mill.“ (M.)

Melampus Dupontianus Morelet in Journ. Conch. XXIII. 1875. p. 25. t. 1. f. 2.

Habitat in insula Mauritius, var. minor ins. Rodriguez.

54. M. striatus Pease. †

„T. elongato-ovata, solida, imperforata, fusca; spira brevis, mucronata, granulosa; anfr. ultimo transversim striato, interdum striis longitudinalibus ruguloso; columella triplicata, labro bilamellato. — Long. 10, diam. 5 mill.“ (Pease 1868.)

Melampus striatus (Tralia) *Harper Pease* in Proc. Zool. Soc. 1861. p. 244*); Amer. journ. conch. IV. 1868. p. 100. t. 12. f. 14.

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*) „Shell elongately ovate, dark brown; spire short; apex granulose; last whorl ornamented with revolving striae, which, on mature specimens, are distant or disappear altogether on the middle portion of the whorl; columella furnished with three plaits and one at the base; outer lip with one or two lamellae.“ (Pease 1861.)

Melampus striatus Martens & Langk. Don. Bismark. p. 56.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 88.

Habitat in insulis Tahiti et Huahine.

Obs. Proxime affinis *M. granifero Mouss.*

55. M. Montrouzieri Souverbie. †

„Testa imperforata, obverse ovato-conica, solida, sulcis spiralibus medio anfr. ultimi remotioribus aliquoties evanidis et striis incrementi rude impressis granulata, parum nitida, cinereo-subviolacescens, ad suturas pallidula; spira brevis, subconvexo-conoidea, apice mucronata; sutura subcanaliculata, lacerata; anfr. 10—11, conferti, ultimus $^7/_8$ longitudinis subaequans, ad tertiam partem superiorem obtuse subangulatus, basi attenuatus; apert. obliqua, oblongo-subangusta, superne angulosa, basi subdilatata; plicae parietales 3, suprema punctiformis, vix perspicua, secunda et tertia majores, transversae; plica columellaris mediocris, subascendens, marginem externum non attingens; perist. rectum, obtusum, margine dextro intus callo longitudinali albo, transverse biplicato munito, columellari tenuissime calloso, appresso, sublibero. — Long. 16, lat. max. 10 mill. Apert. $13^1/_2$ mill. longa, intus 3 lata." (S.)

β. Minor, ad angulum minus turgida, transversim pallide 1—2-fasciata, vel efasciata. Long. 13, lat. max. $7^1/_4$ mill.

Melampus Montrouzieri Souv. in Journ. Conch. XIV. 1866. p. 148. t. 6. f. 1. 1 a.

Habitat in insula Art Novae Caledoniae.

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56. granifer (Auricula) Mousson. (Coll. 26.) I. 42. II. 30. — *Auricula granosa Hombr. & Jacq.* — *Tralia granifera H. & A. Adams.* — Java, ins. Philippin.

57. M. ornatus Mousson. †

„T. imperforata, oblongo-ovata, distincte et acute late sulcata, fusculo-virescens. Spira conica; summo minimo, acute prominente; sutura involvente, subcrenulata. Anfr. 8, leniter accrescentes, plicoso-granulati; ultimus subcylindricus, infra attenuatus, in tertia supera insigne ruditer granulato-plicatus. Apert. subverticalis (8^0 cum axi), anguste elongata, $^3/_4$ altitudinis aequans. Plicae parietales 3, infera major, acuta, elongata; duae superae graniformes. Perist. rectum, obtusulum; margine dextro medio antice leniter arcuato, intus plicis 3 minutis ornato; basali arcte curvato; columellari brevi, plica

acuta, revolvente ornato. — Alt. 10, diam. 6 mill. — Rat. anfr. 2:1. — Rat. apert. 5:1.“ (M.)

Melampus ornatus Mouss. in Journ. Conch. XIX. 1871. p. 21. t. 3. f. 7.

Habitat in insula Tongatabou (Gräffe).

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58. cristatus Pfr. I. 43. II. 31. — *Gassies* Faun. Nouv. Caléd. p. 59. t. 7. f. 8. — Ins. Philippin., Nova Caledonia.

59. M. brevis Gassies. †

„Testa minuta, imperforata, conica, subcarinata, brevis, solidula, nitidula, luteo-brunnea, irregulariter fasciata, minute et longitudinaliter striata, confertim sulcata, apice mucronata, truncata; spira conica, obtusa; sutura linearis sulcata et tuberculata; anfr. 4—5 truncatis, superne erosa, ultimus $^3/_4$ $^1/_2$ longitudinis formans (in descriptione gallica: les $^3/_4$ $^1/_2$ de la longueur totale), ad basin angulosus; apertura arcuata, angusta; plicis parietalibus 3, horizontalibus, 2 minutis, superiore acuta; plica columellaris obliqua, ascendens, fusca; peristoma rectum albo-limbatum, margine dextro intus plicis 11 brevibus, albis minutis dentato; columellari callo brunneo munito. — Diam. 4, altit. 8; apert. 6 mill. longa, 2 lata.“ (G.)

Melampus brevis Gass. Faun. Nouv. Caléd. 1863. p. 60. t. 7. f. 4.

Habitat Jengen Novae Caledoniae (Montrouzier, Magen).

§. 5.

60. trifasciatus (Auricula) Küst. I. 43. II. 31. — *Gassies* Faun. Nouv. Caléd. p. 63. — Nova Caledonia (Magen, Montrouzier).

61. M. Bocoronicus Mörch. †

„T. ovalis, impresso-rimata, laevigata, fusco-castanea, obsolete fasciata (fascia pallida angulari), basi spiraliter subtilissime et densissime undulato-striata, non cristata; spira brevis, conica, mucronata, suturis impressis; anfr. num. 11; plica columellaris subhorizontalis, lata, superne concava, prope aperturam validior, postica et interna parte acutissima; pars infima parietalis callo lato albo, deinde superne lamina spirali lata inferne excavata munita; deinde 3 plicae breves in linea obliqua digestae; peristoma acutum, labro fuscolabiato, intus albocalloso, laminis spiralibus interruptis, 5 majoribus, 3—4 minoribus. — Long. 12, diam. 7 mill. Long. apert. 8 mill.“ (M.)

Melampus Bocoronicus Mörch in Malak. Bl. VI. 1859. p. 118.

Habitat „Los Bocorones" prope Puntarena Americae centralis (Örsted).

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62. trilineatus (Auricula) C. B. Adams. † I. 44. II. 32. — Panama.

63. M. sordidus Gassies. †

„T. imperforata, ovato-conica, nitida, sordide decorticata, longitudinaliter striata, circumreticulata, pallide cornea, fasciis 5 brunneis irregulariter ornata; spira brevissima, obtusa; anfr. 4—5, ultimus $^7/_8$ longitudinis aequans, spira erosa, apice truncato; sutura impressa, sublacerata; apertura angusta, basi rotundato-obliqua, intus luteo-brunnescens; plicis 7 (interdum in dentem unum fortem trifidum coalitis); 6 parietalibus parvis; maxima descendente, ad $^2/_3$ longitudinis sita; columellari ascendente, patula; peristoma simplex, luteo-album vel brunnescens, intus denticulis irregularibus 5--6 albis munitum. — Diam. 7 mill., altit. 22; apert. 9 longa, 2 lata." (G.)

Melampus sordidus Gass. in Journ. Conch. XV. 1867. p. 62.

Habitat in Nova Caledonia (De Folin).

64. M. crassidens Gassies. †

„Testa imperforata, conica, subcarinata, solida unicolor castaneo-lutea, nitida, longitudinaliter striatula, ad basin subtilissime costata; spira brevis, rapide acuminata; anfractus 9—10, ultimus $^3/_4$ $^1/_2$ longitudinis aequans, superne planatus, circum sulcatus; apice acuminato; sutura depressa, subcanaliculata; apertura angusta, subflexuosa, superne angulata, basi stricta, crassa, intus luteo-violacea; plicis 5, 4 parietalibus, 2 superioribus minusculis, profunde intrantibus, inferioribus horizontalibus, 1 columellari patula, ascendente; peristoma simplex, luteo-violaceum, denticulis 7 irregularibus munitum, incrassatum, album. — Long. 13, diam. 8 mill. Apert. 10 mill. longa, 3 lata." (G.)

Melampus crassidens Gass. in Journ. Conch. XVII. 1869. p. 74.

Habitat in insula Art Novae Caledoniae (Montrouzier).

65. M. cinereus Gassies. †

„T. imperforata, ovato-oblonga, nitida, cinerea vel violacea, ad suturam fasciata, lutea, medio trifasciata luteo-pallescens,

longitudinaliter striata, ad carinam transverse sulcata, spira sublanceolata; anfr. 7—8, ultimus $^2/_3$ longitudinis aequans, superne acutus, liratus, apice elevato; sutura depressa, lacerata; apertura angusta, superne angulata, basi ovato-expansa, patula, intus nitido-brunnescens, plicis 6, 5 parietalibus, supera et media horizontalibus, inferiore descendente, 1 columellari ascendente, patula, crassa; peristoma subpatulum, subflexuosum, brunnescens, denticulis 8—9 irregularibus munitum, album, incrassatum. — Diam. 5, altit. 10 mill.; apert. 6 longa, 2 ad basin lata.“ (G.)

Melampus cinereus Gass. in Journ. Conch. XV. 1867. p. 62.

Habitat in insula Art Novae Caledoniae (Montrouzier).

66. M. Brotianus Pfr.

T. imperforata, fusiformis, solida, sublaevigata, nitidula, pallide lutescens; spira convexo-conica, coerulescens, apice nigricans; sutura plana, subregularis; anfr. fere 10 planiusculi, ultimus $^2/_3$ longitudinis formans, superne levissime subangulatus, basi attenuatus, spiraliter sulcatus; apertura subverticalis, angusta; paries aperturalis tuberculo angulato, subverticali, denticulato et plica unica subtransversa infera munitus; plica columellaris compressa, arcuatim abiens in peristoma rectum, acutum, intus callosum et plicis nonnullis majoribus et denticulis armatum. — Long. $12^1/_4$, diam. 7 mill. Ap. 9 mill. longa. (Coll. Nr. 27.)

Melampus Brotianus Pfr. in Malak. Bl. VI. 1859. p. 202.
— — *Pätel* Catal. p. 114.

Habitat in insula Ceylon?

67. M. variabilis Gassies. †

„Testa ovato-conica, laevigata, longitudinaliter striatula, fusca, vel brunneo-fusca, colore vario praedita; fasciis brunneis, luteis ornata; anfractus ultimus ornatu varians; spira brevissima, conica, anfractibus 8—9, ultimo $^3/_4$ longitudinis aequante, superioribus liratis, apice acuminatis, sutura impressa; apertura angusta, basi rotundato-obliqua, intus lutea vel violacea; plicis 5; 4 parietales, 1 major ad medium, 2 minores ad apicem et ad basin, 1 columellaris, ascendens; peristoma brunneum vel violaceum, simplex, intus denticulis irregularibus 5—7 munitum, album. — Diam. 6, altit. 10 mill.; apert. 5 longa, 3 lata.“ (G.)

Melampus variabilis Gass. Faun. Nouv. Caléd. 1863. p. 65. t. 6. f. 8.

Habitat in Nova Caledonia (Raynal).

§. 6.

68. piriformis (Auricula) Petit. (Coll. 28.) I. 44. II. 32. — *Conovulus maurus Mühlf.* — *Auricula maura Küst.* — *Pythia maurus Ant.* — *Melampus lacryma Beck?*, *pyriformis* et *maurus H. & A. Adams.* — Tumaco Columbiae occidentalis.

69. bidentatus Say. (Coll. 29.) I. 45. II. 33. — *Binn.* Terr. Moll. IV. p. 156. t. 75. f. 23; Land- and freshw. sh. North-Am. II. p. 10. f. 11. 12. — *Tryon* in Amer. journ. conch. IV. p. 8. t. 18. f. 5. — *Pätel* Cat. p. 114. — *Auricula cornea Desh.*, *bidentata Gould*, *Jaumei Mittre* (*Melampus? Jaumei Pfr.* I. 25. II. 18.) — *Melampus corneus Beck*, *lineatus Say*, *borealis Conr.* in Mus. Cuming. (Non in Amer. journ. sc. XXIII. Vid. *Alexia myosotis.*) — America septentrionalis.

70. ? obovatus H. & A. Adams. I. 46. II. 34. — Conf. *Melampus Liberianus H. & A. Adams* Nr. 12. — Liberia.

71. M. sculptus Pfr.

T. subperforata, fusiformi-oblonga, solidula, superne distincte costato-plicata, saturate castanea; spira conica, mucronata; sutura distincta, subcrenata; anfr. 10—11 planiusculi, ultimus $^3/_5$ longitudinis subaequans, subvaricosus, infra suturam et ad basin attenuatam plicatus, medio laevigatus; apertura verticalis, angusta, basi rotundata; plica parietalis 1 levis, profunda; plica columellaris tenuis, obliqua, marginem attingens; perist. simplex, acutum, margine dextro intus obsoletissime transverse plicato. — Long. 10, diam. 5 mill. Apert. $6^1/_2$ mill. longa, intus medio $1^1/_3$ lata. (Mus. Cuming.)

Melampus sculptus Pfr. in Proc. Zool. Soc. 1859. p. 29.

Habitat „Admiralty Islands".

72. M. Tongaensis Mousson. †

„T. imperforata, inverse conico-ovata, obtuse irregulariter striata, fusco-virescens, obscura. Spira obtuse conica; summo minimo, vix prominulo; sutura involvente, subirregulari. Anfr. 8, lente accrescentes, irregulariter striati, ad suturam pallidiores; ultimus ovato-conicus, supra vix rotundato-angulatus, nec plicatus, nec sulcatus, ad basin subtumidulus. Apertura subverticalis (6° cum axi), $^3/_5$ altitudinis vix superans, elongata, infra latior. Plicae parietales 2, inferae, subcontiguae, infera minor, interdum evanescens; plica columellaris volvens, parvula, basi approximata. Perist. rectum, subacutum; margine dextro fere recto, intus profunde plicis 2, vix distinctis, praedito; basali arcte curvato; columellari incrassato, reflexo et adnato. — Altit. 8—9, diam. 4,5 mill. — Rat. apert. 3:1.

β. Pallidula. — Minor (6 mill.), pallida, plicis parietalibus 2, magis separatis, tertia supera minore adjuncta, margine dextro intus labiato, plicis 6 granulosis ornato, plica columellari basali, verticali." (M.)

Melampus Tongaensis Mouss. in Journ. Conch. XIX. 1871. p. 22. t. 3. f. 8.
— — *Schmeltz* in Mus. God. cat. V. p. 88.

Habitat Tongatabou, var. *β* Vavao.

73. M. riparius (Autonoë) Guppy. †

„Testa tenuis, cornea, ovato-subconoidalis, fere laevis, sub epidermide straminea albida; anfr. circa 5, ultimus compressus supra paulum angulatus; spira brevis, conoidalis; apertura elongata, angusta, ante paulum dilatata; peristoma simplex; labrum internum callo obductum et plica valida munitum; columella valde torta, arcuata, plicis fortibus munita. — Long. 10, diam. 6 mill." (G.)

Autonoë *) *riparia Lechmere Guppy* in Proceed. scient. assoc. Trinidad Dec. 1868; Amer. journ. conch. VI. 1871. p. 306. t. 17. f. 1.

Habitat Mayaro Point insulae Trinidad Indiae occidentalis.

74. ? M. mucronatus Gould, Pease. †

Conf. *Auricula oryza H. & A. Adams.*

§. 7.

75. pusillus (Voluta) Gmel. (Coll. 30.) I. 46. II. 34. — *Binn.* Terr. Moll. IV. p. 168. t. 75. f. 29. — *Gloyne* in Journ. Conch. XX. p. 46. — *Pätel* Cat. p. 114. — *Voluta triplicata Donov.* — *Bulimus ovulus Brug.* — *Melampa ovulum Schweigg.* — *Auricula ovula Fér.*, *nitens Lam.*, *pusilla Desh.*, *leucodonta Nutt.* — *Conovulus nitens Voigt*, *pusillus Ant.* — *Acteon triplicatus Flem.* — *Melampus ovulum Lowe*, *nitens Shuttl.* — *Pythia ovulum* et *triplicata Beck.* — *Tralia pusilla Gray*, *Binn.* Land- and freshw. sh. North-Am. II. p. 17. f. 18. — *Tralia ovulum Mörch.* — India occidentalis. (Non in ins. Sandwich.: *Pease* in Proc. Zool. Soc. 1869. p. 61.)
76. Panamensis (Auricula) C. B. Adams. (Coll. 31.) I. 48. II. 35. — *Pätel* Cat. p. 114. — *Tralia Panamensis H. & Adams.* — Panama, Taboga.
77. nitidulus H. & A. Adams. (Coll. 32.) I. 49. II. 36. — *Tralia nitidula H. & A. Adams.* — Ins. Bohol?

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*) *Autonoë* novum genus Auriculidarum: „testa tenuis, cornea, ovato-obconoidalis; anfr. ultimus compressus, supra paulum angulatus; spira brevis, conoidalis; apertura elongata, angusta, ante paulum dilatata; peristoma simplex; columella valde torta, arcuata, plicis fortibus munita."

78. M. morosus Gassies. †

„T. imperforata, conico-oblonga, solida, rufo-castanea, longitudinaliter et irregulariter strigata; spira acuminata; anfr. 6—7, ultimus $^2/_3$ longitudinis aequans, superiores planati; apice obtusulo; sutura linearis, luteo-pallida, sublacera; apertura angusta, superne angulato-flexuosa, basi ovata, intus albo-cinerea, plicis 3, 2 parietalibus, superiore minuta, inferiore majore, horizontali, 1 columellari; peristoma subincrassatum, brunneum, denticulo 1 horizontali, albo. — Diam. 5—6, alt. 12 mill.; apert. 7 longa, 2 lata.“ (G.)

Melampus morosus Gass. in Journ. Conch. XV. 1867. p. 61.

Habitat in insula Art Novae Caledoniae (Montrouzier).

79. M. tetricus Gassies. †

„T. obtecte subrimata, ovata, solida, sub lente tenerrime striata, epidermide atro-viridi, saepe deficiente, vestita; spira brevis, conica, apice erosa; anfr. 5 subplani, sutura irregulari conjuncti, ultimus basi attenuatus, $^3/_5$ longitudinis aequans; apertura anguste semi-ovalis, biplicata, intus atro-purpurea; plica parietalis 1 alba, compressa, subhorizontalis; columellaris torta, marginem attingens; perist. acutum, margine dextro medio callo leviter prominulo munito, columellari incrassato, reflexo, adnato. — Longit. 10, latit. $5^1/_3$ mill.“ (M.)

Melampus tetricus Morelet in Journ. Conch. XII. 1864. p. 290.

Habitat New-South-Wales.

80. M. semisulcatus Mousson. †

„T. imperforata, conico-piriformis, striata, nitidula, cinnamomea. Spira depresse conica; summo obtuso, semper detrito; sutura irregulariter crenulata. Anfr. 4 remanentes, 2—3 destructi, planiusculi, striis plicosis et sulcis spiralibus insigne granose reticulati; ultimus supra rotundato-subangulatus, tum conico-attenuatus, ad basin tumidulus, supra et infra fortiter sulcatus, illuc praeterea plicostriatus, medio laevigatus. Apert. angusta, verticalis, elongata, basi arcte rotundata. Plicae parietales 2 parvulae, acutae, interdum tertia minima; plica columellaris acuta, subhorizontalis, basi approximata. Perist. rectum, acutum; margine dextro profunde sublabiato, medio lamella unica distincta, altera supera obsoleta praedito; columellari brevi, crassiusculo, appresso. — Long. 11, diam. 6 mill. — Rat. anfr. 2:1; rat. apert. 8:1.“ (M.)

Melampus semisulcatus Mouss. in Journ. Conch. XVII. 1869. p. 347. t. 15. f. 2.
— — *Pätel* Catal. p. 114.
— — *Schmeltz* in Mus. God. cat. V. p. 88.

Habitat in insula Upolu.

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81. Bronni (Auricula) Phil. (Coll. 33.) I. 49. II. 36. — *Ellobium Brownii H. & A. Adams.* — *Laemodonta Bronni Martens & Langk.* Don. Bismark. p. 57. — *Jickeli* Afr. Moll. p. 178. — Var.: *Auricula Sandwichiensis Soul.* — *Ophicardelus Sandwichensis M. E. Gray.* — *Laimodonta Sandwichensis H. & A. Adams.* — *Melampus Sandwichiensis Pfr.* I. 50. II. 36, *sandwicensis Pätel* Cat. p. 114. — Ins. Sandwich.

82. M. Pfeifferi (Laimodonta) Dunker.

„L. testa minima, ovato-conica, imperforata, transversim striata, fusca, fascia una vel duabus luteis cincta, anfractibus senis vel septenis, ultimo spira conica longiore instructa; columella tricostata; labrum acutum, intus subincrassatum, unicostatum. — Long. 5, lat. 3 mill.“ (D. — Coll. Nr. 34.)

Laimodonta Pfeifferi Dunk. in Malak. Bl. VI. 1859. p. 201; Moll. japon. (1861.) p. 25. t. 2. f. 19.

Habitat in Japonia.

Obs. „Differt a *L. Sandwichiensi Soul.*, praeter staturam duplo paene minorem praecipue plicis duabus minimis (quae quidem sub vitro tantummodo agnosci possunt) inter costas columellae mediam et basalem.“

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83. Quoyi (Ophicardelus) H. & A. Adams. (Coll. 35.) I. 50. II. 37. — *Pätel* Cat. p. 114. — *Laimodonta Quoyi H. & A. Ad.* — *Ophicardelus Quoyi Angas* in Proc. Zool. Soc. 1867. p. 231. — Australia.

84. Layardi (Ophicardelus) H. & A. Adams. I. 51. II. 37. — *Gassies* Faun. Nouv. Caléd. p. 61. t. 7. f. 7. — *H. Nevill* Enum. Helic. etc. Ceyl. 1871. p. 4. — *Laimodonta Layardi H. & A. Ad.* — Ceylon; ins. Art Novae Caledoniae (Montrouzier).

85. M. conicus (Laimodonta) Pease. †

„T. elongato-vel ovato-conica, solida, transversim tenuiter striata, striis longitudinalibus obsolete granulata; anfr. planoconvexis, superne prope suturam vix depressis; spira acuta, interdum elongata; sutura linearis; apertura auriculata; plicae parietales 2, parallelae, magnae, plica columellaris vix obliqua;

perist. acutum, margine dextro intus unilamellato, ad basim callo interno incrassato. Castaneo-fusca, fascia alba cingulata. — Long. 7, diam. 3 mill." (Ps. 1868.)

Laimodonta conica Harper Pease in Proc. Zool. Soc. 1862. p. 242*); 1868 in Amer. journ. conch. IV. p. 101. t. 12. f. 15. Conf. seq.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 87.
Laemodonta conica Martens & Langk. Don. Bismark. p. 57. t. 3. f. 13.
— *Bronni var. Jickeli* Afr. Moll. p. 178. t. 7. f. 3.

Habitat in insulis Oceani pacifici, Paumotu.

86. ? M. Anaaensis (Laimodonta) Mousson. †

„T. minime rimata, ovato-acuminata, tenuiuscula, nitidula, striata, regulariter decussatim lineo-sulcata, albida, pallide castaneo unifasciata. Spira convexiusculo-acuminata, regularis; summo acuto, minuto, fusco; sutura linearis. Anfr. $7^1/_2$, superiores rufo-fusculi, vix convexiusculi, decussatim granulosi; ultimus ventrosior, ad suturam fuscescentem impressus, ad basin paulo appressus. Apertura subverticalis, spiram aequans, subpiriformis. Perist. rectum, acutum; margine libero ad insertionem paulo protracto, deinde antrorsum binodatim curvato; palato uniplicato, regione infera albo-callosa, pariete plicis duabus validis, supera obtuse bifida, praedita; columella plica tertia, valida, non protracta, circumdata. — Long. 8, diam. 4 mill. — Rat. anfr. 7:2. — Rat. apert. 3:2." (M.)

Laimodonta Anaaensis Mouss. in Journ. Conch. XVII. 1869. p. 63. t. 5. f. 1.
Plecotrema Anaaensis Pätel Catal. p. 114?

Habitat Anaa insularum Paumotou (Garrett).

Obs. Species = *Laimodonta conica Pease* 1862. 1868. (*Pease* in Journ. Conch. 1871. p. 94.)

87. ? M. oblongus (Laemodonta) Jickeli. †

„Testa anguste rimata, oblongo-ovata, solidula, pallide sordide fusca, spiraliter impresse striata; spira conica apice acutiusculo; anfr. 5, convexiusculi, sutura submarginata vix obliqua divisi, ultimus antice descendens, ventrosus, $^1/_2$ longitudinis superans; apertura paulum obliqua, oblongo-ovata; plicae parietales 2: superior alta fornicato-subdescendens,

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*) „T. ovato-conica, spira acuta, transversim striata, obsolete granulosa, plicis prominentibus; anfr. 5, plano-convexis; castaneo-fusca, fasciis pallidis cingulata. — Long. $4^1/_2$, lat. $2^1/_2$ mill." (Ps. 1862.)

inferior minor ascendens; plica columellaris minima, dentiformis; peristoma tenue, rectum, marginibus callo junctis; margine columellari reflexo. — Alt. $6^3/_4$—11, diam. maj. $3^1/_2$—$6^1/_2$; apert. alt. 4—$6^1/_2$, lat. $2^1/_2$—4 mill." (J.)

Laemodonta oblonga Jick. Moll. Nordost-Afr. 1874. p. 179. t. 7. f. 4.

Habitat Massaua.

88. **M. ? amplicatus (Laemodonta) Jickeli.** †

„Testa imperforata, subovata, solida, nitidiuscula, albida, spiraliter impresse striata; spira brevis, conica, apice acuto; anfr. 4, convexiusculi, celeriter crescentes, sutura submarginata obliqua divisi, ultimus ventrosus, $^2/_3$ longitudinis superans; apertura obliqua, amplicata, piriformis; plicae palatales 2: superior altior, subfornicata descendens, inferior minor, ascendens; plica columellaris minima, dentiformis; perist. rectum, acutum, marginibus callo nitido junctis, margine dextro valde curvato, columellari labiato-incrassato planulato, prorsus adnato. — Alt. $6^3/_4$—$9^1/_2$, diam. maj. $4^3/_4$—$6^1/_4$; apert. alt. $4^3/_4$—$6^3/_4$, lat. 3—$4^1/_2$ mill." (J.)

Laemodonta amplicata Jick. Moll. Nordost-Afr. 1874. p. 180. t. 7. f. 5.

Habitat in insula Dahlak Maris Rubri.

§. 8.

89. coronatus C. B. Adams. † I. 51. II. 38. — *Melampus coronulus H. & A. Adams.* — An *M. monilis* status juvenilis? — Jamaica.

90. ? uniplicatus (Auricula) Mittre. † I. 52. II. 38. — St. Louis, Senegal.

§. 9.

91. **M. Stutchburyi Pfr.**

T. subumbilicata, fusiformi-ovata, solidula, striatula, superne liris obtuse elevatis circumdata, opaca, nigro-fusca, albo-trifasciata; spira convexo-conica, apice acuta, interdum suberosa; sutura linearis, deorsum sublacera; anfr. 7 plani, ultimus fere $^3/_5$ longitudinis formans, infra medium obsolete spiraliter striatus, basi parum attenuatus; apertura subverticalis, semiovalis; plica parietalis 1 compressa, alba, intrans, extus in carinam subacutam, periomphalum infundibuliforme cingentem producta; plica columellaris compressa, oblique vix ascendens; perist. acutum, margine dextro inermi, superne repando, columellari fornicatim reflexo, libero, umbilicum simulante. — Long. 16, diam. 8 mill. Apert. $9^1/_2$ mill. longa, fere 4 lata. (Coll. Nr. 36.)

Melampus Stutchburyi Pfr. in Proc. Zool. Soc. 1856. p. 393; Auric. Brit. Mus. p. 41. n. 61.
— *Stuchburyi Gassies* Faun. Nouv. Caléd. p. 64. t. 6. f. 5.
— — *Pätel* Catal. p. 114.
Ophicardelus Stutchburyi Schmeltz in Mus. God. cat. V. p. 87.

Habitat „Port Curtis" (Stutchbury), Nova Caledonia (Montrouzier).

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92. australis (Auricula) Quoy & Gaim. (Coll. 37.) I. 52. II. 38. — *Gassies* Faun. Nouv. Caléd. p. 58. — *Pätel* Cat. p. 114. — *Auricula ovata Gray, bidens Pot. & Mich.* — *Ophicardelus australis Beck, Mörch* Cat. Yoldi p. 38. n. 784. — *Angas* in Proc. Zool. Soc. 1867. p. 231. — Australia; Numea et Balade Novae Caledoniae (Magen).

93. M. Coxianus (Ophicardelus) Tapparone-Canefri. †

„Oph. testa ovato-conica, viridi-olivacea, haud fasciata, laevi, subnitida, longitudinaliter striata. Spira elato-conoidea; suturae lacerae. Anfractus 7 circa, supremi erosi, striis longitudinalibus tenuissimis ornati, in anfractu ultimo striis spiralibus easdem decussantibus; ultimus ad suturam depressus, et carina spirali circa regionem umbilicalem circumcinctus. Apertura anguste oblonga, columella biplicata et labro intus non marginato. — Long. $0^{m.}$,016, lat. 0,007." (C.)

Ophicardelus Coxianus Tappar.-Canefri Malac. del viaggio della fregata Magenta. 1874. p. 108. t. 1. f. 12.

Habitat Sydney Australiae.

Obs. „Species peraffinis *Bulimo australi Brug.* (potius *Auriculae australi Quoy,* non *Brug.)*, sed differt forma magis stricta, versus basin magis attenuata, spira elevatiore, apertura angustiore ac breviore, necnon colore uniformi."

94. M. irregularis (Ophicardelus) Mousson. †

„T. imperforata, ovata, crassa, striis rugosis, nonnullis validioribus et foveolis minutis irregulariter insigne notata, fusca, striis et fasciis albis varie picta. Spira conica, regulariter accrescens; summo obtusulo, nigrescente; sutura imbricata, lacerata. Anfr. $5^1/_2$ plani, nucleolares sublaevigati, sequentes striati, diverse corrosi; ultimus major, ad suturam subconcavus, supra et infra tumidulus, ad basin circum aream umbilicarem albam, planiusculam obtuse filocarinatus. Apertura subverticalis (15° cum axi), $^2/_3$ altitudinis aequans, acuminato-semiovalis. Perist. rectum, obtusiusculum; margine dextro supra appresso, subsinuato, tenui, medio intus paulo incrassato;

basali arcuato. Plica palatalis unica, obtusa, valida, in carinam basalem prolongata; plica columellaris torta, subobliqua, ad marginem producta. — Long. 13, diam. 8 mill. — Rat. anfr. 5:3. — Rat. apert. 7:3." (M.)

Ophicardelus irregularis Mouss. in Journ. Conch. XVII. 1869. p. 64. t. 5. f. 2.

Habitat Wollongong Australiae (Gräffe).

95. M. minor (Ophicardelus) Mousson. †

„T. imperforata, elongato-ovata, solidula, striatula, politula, pallide castanea, flavo fasciata. Spira elongato-conica, regularis; summo fusco, obtusulo; sutura subregulari, late marginata. Anfr. $5^1/_2$ plani, striati; ultimus major, supra declivis, vix subangulatus, infra attenuatus, circum aream umbilicarem parvam leviter filocarinatus. Apertura subverticalis (10^0 cum axi), $^2/_3$ altitudinis superans, acuminato-semiovalis. Perist. rectum, subacutum; margine dextro supra tenui, medio intus paululum incrassato, infra curvato, obtusiusculo; basali anguste curvato. Plica palatalis unica, valida, in carinam desinens; columellaris minor, oblique torta, in marginem basalem arcte incurvata. — Long. 11, diam. 6 mill. — Rat. anfr. 3:1. — Rat. apert. 3:1." (M.)

Ophicardelus minor Mouss. in Journ. Conch. XVII. 1869. p. 65. t. 5. f. 3.

Habitat Wollongong Australiae.

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96. costellaris H. & A. Adams. (Coll. 38.) I. 53. II. 39. — *Pätel* Cat. p. 114. — *Tralia costellaris H. & A. Ad.* — Nova Seelandia.

97. sulcatus (Ophicardelus) H. & A. Adams. (Coll. 39.) I. 54. II. 40. — *Pätel* Cat. p. 114. — *Laimodonta sulcata H. & A. Ad.* — *Ophicardelus sulcatus Angas* in Proc. Zool. Soc. 1867. p. 231. — *Schmeltz* in Mus. God. cat. V. p. 87. — Nova Seelandia, ins. Admiralitatis.

98. M. edentulus Martens. †

„Testa ovato-obconica, obsolete spiratim sulcata, nigrofusca, interdum fasciis pallidis ornata; spira mediocris, convexa, obtusa; anfr. 6, superiores plani, ultimus supra obtuse angulatus, sensim versus basin attenuatus; apertura $^5/_7$ longitudinis occupans, basi latior; plica parietalis unica, infera; plica columellaris valida, subhorizontalis; margo basalis rotundatus, externus plicis internis nullis. — Long. 8, diam. 5; apert. alt. $5^1/_2$ mill." (v. M.)

Melampus edentulus Martens in Monatsber. Berl. Ak. 16 Jan. 1865. p. 55.

Habitat in insula Flores.

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99. exaratus H. & A. Adams. I. 54. II. 40. — *Tralia exarata H. & A. Ad.* — Ins. Samar Philippinarum.

100. M. flexuosus Crosse. †

„T. imperforata, ovato-conica, tenuiuscula, sublaevigata, albida, strigis flexuosis, pallide castaneis, parum conspicuis longitudinaliter ornata; spira conica, subacuta; sutura irregulariter impressa; anfr. 8 plani, ultimus $^5/_7$ longitudinis superans, convexiusculus, basi attenuatus; apertura subobliqua, irregulariter semiovalis, albida; plica parietalis 1, horizontalis, profunde intrans; plica columellaris obliqua, marginem aperturae attingens; perist. acutum, margine dextro inermi, basali subexpanso. — Long. $7^1/_2$, diam. maj. 4 mill. Apert. 5 mill. longa, $1^1/_2$ lata.“ (Cr.)

Melampus flexuosus Crosse in Journ. Conch. XV. 1867. p. 448; XVII. 1869. p. 394. t. 12. f. 4.

Habitat „Peron's Peninsula, Shark Bay“ Australiae (B. Wright).

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101. ? infrequens (Auricula) C. B. Adams. † I. 55. II. 40. — *Tralia infrequens H. & A. Ad.* — Panama.

102. M. strictus Gassies. †

„Testa perforata, ovato-oblonga, solida, longitudinaliter flexuoso-costulata, obscure brunnea, sub epidermide tenui, fulvo-livida, nitidiuscula, evanescente; spira elongata, acuminata; sutura mediocris, inferne lacerata; anfractus 7—9 planiusculi, ultimus $^2/_3$ longitudinis aequans; apertura angusta, superne acuta, angulata, inferne breviter rotundata; plica parietalis mediocris, horizontalis, intrans; plica columellaris minor, ascendens; carneola, nitida, margine dextro superne angulato, medio subflexuoso, inferne subrotundato; peristoma simplex, intus subpatulum; intus brunneo-vinosa, nitida, callo lactescente; columella vix patula, roseo-brunnescens, nitida. — Diam. maj. 5, alt. $10^1/_2$; apert. 5 mill. longa, $1^1/_2$ lata.“ (G.)

Melampus strictus Gass. in Journ. Conch. XXII. 1874. p. 213.

Habitat „Baie du Sud“ Novae Caledoniae (Lambert).

§. 10.

103. costatus (Auricula) Quoy & Gaim. (Coll. 40.) I. 55. II. 41. — *Pätel* Cat. p. 114. — *Tralia costata H. & A. Adams.* — *Persa costata Schmeltz* in Mus. God. cat. V. p. 87. — Nova Hibernia; ins. Viti et Samoa.

104. M. melanostoma (Persa) Garrett. †

„Testa imperforata, oblongo-ovata, crassiuscula, laevis, nitidula, laete fuscula, in dorso anfr. ultimi brunneo-nigra, plerumque fascia obscura infra suturam notata; spira brevis, abbreviato-conica, convexa, formans circa $^1/_3$ longitudinis, lineis subtilibus spiralibus impressis, tandem obsoletis, striata; anfr. 5 convexi, ultimus late ovatus, basi rotundatus; apertura subverticalis, elongato-oblonga, auriformis, superne contracta, basi rotundata, intus nigra; perist. magis minusve incrassatum, superne sinuosum, interdum intus labiatum; columella callosa, plicis 2 majusculis compressis transversis, et 2 minoribus in regione parietali munita. — Long. $4^1/_2$, diam. 3 mill.“ (Garr. angl.)

Persa melanostoma Garr. in Amer. journ. conch. VII. 1872. p. 24. t. 19. f. 11.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 87.

Habitat in insulis Viti, Taviuni (Schmeltz).

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105. duplicatus Pfr I. 56. II. 42. — *Tralia duplicata H. & A. Ad.* — Habitat?

106. M. Wilkei Dohrn. †

„T. imperforata, oblonga, tenuiuscula, laevis, nitida, fulvocornea; spira brevis conica; sutura simplex; anfr. 5 plani, ultimus $^3/_4$ longitudinis aequans; apertura parum obliqua, oblongo-pyriformis, basi canaliculata, 3-plicata: 1 columellaris lamelliformis, peroblique intrans; 2 parietales, superior tenuis, inferior valida, dentiformis; peristomium simplex, margine dextro leviter arcuato, subcalloso. — Long. 7, diam. 3; apert. long. $4^1/_2$, lat. $1^1/_2$ mill.“ (D.)

Melampus Wilkei Dohrn in Malak. Bl. VI. 1859. p. 204.
— — *Pätel* Catal. p. 144.

Habitat in Arabia.

Obs. „An adulta? Certe nova species collocanda cum *M. duplicato Pfr.*“ (D.)

107. M. exiguus (Auricula) Lowe.

T. ovato-turbinata, subconiformis, solida, sub lente obsolete (in spira distinctius) spiraliter striata, nitidula, castaneorufescens, pallidius nebulosa; spira brevis, conoidea, mucronulata; sutura levissima; anfr. 5—6 planiusculi, ultimus $^3/_4$ longitudinis superans, superne tumidus, infra suturam spiraliter distincte striatus, versus basin compressiusculam attenuatus; apertura parum obliqua, elongata, angusta; plicae palatales 2, supera nodiformis, infera compressa, intrans; plica columellaris albo-callosa, obtusa, subtorta; perist. simplex, margine dextro edentulo, intus callo margini parallelo albido munito. — Long. $5^1/_2$, diam. max. $3^1/_2$ mill. Apert. 4 mill. longa. (Coll. Nr. 41.)

β. „Major, testa ventricosiore, duplo majore, spira brevissima.“ (Paiva.)

Melampus exiguus Lowe 1834, *Pfr.* Mon. Auric. p. 56; Auric. Brit. Mus. p. 42; Malak. Bl. XIII. 1866. p. 144.
— — *Paiva* Moll. Mader. p. 150.
— — *Pätel* Catal. p. 114.
Pythia exigua Beck.
Auricula exigua Lowe 1854.

Habitat in insula Madera et in Selvagem Majore.

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108. concinnus (Auricula) C. B. Adams. † I. 57. II. 43. — *Ophicardelus concinnus H. & A. Ad.* — *Pedipes concinnus H. & A. Ad.*? — Panama.

109. M. albus Gassies. †

„T. imperforata, fusiformi-ovata, tenuis, nitidula, translucida, immaculata, alba; spira brevissima, conica; anfractibus 8—9, ultimo $^3/_4$ $^1/_2$ longitudinis adaequante, apice acuminato, submamillari; sutura impressa, sublacera; apertura angusta, basi rotundato-obliqua, intus hyalina, plicis 3, duabus parietalibus horizontalibus, superiore minore, inferiore majore, una columellari ascendente; columella dilatata; peristoma simplex, margine dextro edentulo. — Diam. maj. $2^1/_4$, min. 1, alt. 5 mill.“ (G.)

Melampus albus Gass. in Journ. Conch. XIII. 1865. p. 211.

Habitat in Nova Caledonia (Raynal).

Obs. „Differt a *M. variabili Gass.* statura minore, margine dextro edentulo, epidermide unicolore, non fasciata.“

110. M. lucidus Pease. †

„T. oblongo-ovali, tenuiscula, pellucida, alba, nitida, imperforata; spira brevis, acuta, anfr. marginatis, ultimo in medio planulato; plicae parietales 2, supera parva, fere obsoleta, altera prope basin, transversa, compressa, valida; plica columellaris obliqua, porrecta, in marginem basalem continuata; labro medio subincrassato, postice vix sinuoso, intus laevi; apertura angusta, basi rotundata. — Long. $3^1/_2$, diam. 2 mill.“ (P.)

Melampus lucidus Harper Pease in Amer. journ. conch. V. 1869. p. 75.

Habitat in insulis Oahu et Annaa?

§. 11.

111. viola (Auricula) Lesson. † I. 58. II. 44. — Ins. Borabora.

112. M. paludosus (Ophicardelus) Garrett. †

„Testa imperforata, ovata, solida, albida vel fusco-cornea; spira brevis, convexo-conica; anfr. 7—8, convexiusculi, ultimus magnus, convexo-rotundatus, striis subtilibus longitudinalibus et lineis impressis transversis, minute puncturatis et breviter pilosis decussati; basis rotundata et carinata; sutura marginata; apertura subverticalis, auriformis, contracta, alba aut fuscula, dimidium longitudinis totius paulo superans; perist. obtusum, margine dextro fortiter costato, interno labiato, superne sinuato, basi rotundata; columella expansa, plicis obliquis compressis duabus (superiore majore) munita; regio parietalis leviter vitraceo-polita, et dente parvulo tuberculari munita. — Long. 10, diam. 6 mill.“ (Garr. angl.)

Ophicardelus paludosus Garr. in Amer. journ. conch. VII. 1872. p. 220. t. 19. f. 3.

Plecotrema paludosa Schmeltz in Mus. God. cat. V. p. 87.

Habitat in insulis Viti, Wallis et Samoa.

113. M. cassidulus Gassies. †

„T. imperforata, ovato-conica, nitidula, longitudinaliter striata, fusco-lutea; anfr. ultimus fasciis 6, brunneo-violaceis ornatus, sub epidermide tenui, lutea; spira mediocri, conica; anfr. 5—6 (ultimus $^3/_4$ longitudinis aequans), superne erosi, apice obtuse truncato; sutura depressa, medio constricta, sublacerata; apertura angusto-ovalis, superne angulata, inferne rotundata; intus violacea, plicis 2; 1 parietali majore, descen-

dente, cum carina circumumbilicali juncta; 1 columellari, mediocri, ascendente; columella fere callosa; peristoma subpatulum, violaceum, flexuosum, medio sinuato-denticulatum. — Diam. 5, alt. 8 mill.; apert. 5 longa, $1^1/_2$ lata." (G.)

Melampus cassidulus Gass. in Journ. Conch. XV. 1867. p. 63.

Habitat in Nova Caledonia.

Obs. Nonne potius Cassidulae species?

§. 12.

114. M. priscus Meek. †

„Testa ovalis, medio crassa; spira depresso-conica; anfr. circa 5, convexi aut subangulares, ultimus magnus, superne humerosus, infra medium attenuatus; sutura distincta; superficies striis incrementi subobscuris et pliculis regularibus verticalibus vel subobliquis, in parte infima obsoletis notata; apertura angusta, superne angularis, inferne anguste rotundata; labrum externum (ut videtur) acutum et interne dentibus vel crenulationibus carens; columella plica una fortiuscula obliqua infera et secunda multo minore, minus obliqua in medio aperturae munita. — Long. 0,77, lat. 0,50 poll." (M. angl.)

Melampus priscus Meek in Proc. Ac. Philad. 1860. p. 315.

Fossilis in Nebraska.

115. M. longidens Conrad. †

„Acute ovalis; spira conica, apice mucronata; anfr. 7; sutura profunda; apertura perangusta; labrum intus dentato-striatum; basis columellae lamina elongata, leviter curvata, oblique sursum in linea aperturae directa munita." (C. angl.)

Melampus longidens (Ensiphorus) *Conr.* in Proc. Ac. Philad. 1862. p. 584.
Tifata? longidens Conr. in Amer. journ. conch. II. 1866. p. 69. t. 4. f. 12.

Fossilis Yorktown, Va.

Obs. „Subgenus lamina elongata basali distinctum."

116. M. pilula Tournouer. †

„Testa imperforata, ovato-globulosa, laevigata, nitida; spira brevi, convexa, apice subacuto; anfr. 7 convexis (6 prioribus subtilissime spiraliter sulcatis et lente crescentibus), ultimo spiram bis aequante; apertura obliqua, angusta, plica una

parietali gracili et altera columellari; peristomate simplici, acuto. — Long. $4^1/_2$, diam. maj. $2^1/_2$ mill.

β. Plicis 2 parietalibus munito.“ (T. 1870.)

Auricula globulus Tourn. in Journ. conch. XVIII. 1870. p. 357. Non *Fér.*
— *biplicata Grat.* ex parte?
Melampus pilula Tourn. in Journ. Conch. XX. 1872. p. 87. t. 3. f. 6.

Fossilis in provincia Turonica.

117. M. Turonensis (Auricula) Deshayes. †

Auricula Turonensis Desh. 1830. Encycl. méth. II. p. 91. n. 12 et in *Lamarck* Hist. an. s. vert. p. 349. n. 14. — *Dujardin* Mém. soc. géol. II. p. 276. — *Melampus Turonensis Tournouer* in Journ. Conch. XX. 1872. p. 89. t. 3. f. 7 a. b.

118. M. Bardini Tournouer. †

„Testa ovato-acuta, laevigata, subumbilicata; spira conica; anfractibus 8—9 planiusculis, sutura simplici junctis; ultimo spira majore; apertura ovali, intus coarctata, ringente; peristomate integro; marginibus callo junctis; margine columellari una plica basali, lata, obtusa, descendente, altera parietali prominente, recta, et 2 vel 3 minimis dentibus posterius adnatis instructo; margine dextro simplici, acuto, intus et oblique incrassato, submultidentato. — Long. 11, diam. 7 mill.

β. Angusta, elongata, spira elatiore; long. 8, diam. 4 mill.“ (T.)

Melampus Bardini (Tralia) *Tourn.* in Journ. Conch. XX. 1872. p. 90. t. 3. f. 8.

Fossilis in Touraine et Anjou.

119. M. Munieri Tournouer. †

„Testa parva, laevi, imperforata, ovata; spira conica, acuta; anfractibus 8—9 subrotundis, sutura simplici junctis; ultimo anfractu spiram aequante, antice attenuato; apertura subangusta, semiovali; peristomate simplici acuto; marginibus callo tenuissimo junctis; margine sinistro triplicato, plica columellari descendente, mediocri, mediana recta, tenui, majore, altera minima, dentiformi; margine dextro intus late subincrassato, subdenticulato. — Long. 8, diam. 5 mill.“ (T.)

Melampus Munieri (Tralia?) *Tourn.* in Journ. Conch. XX. 1872. p. 92.

Fossilis in Touraine et Anjou.

Species quarum descriptiones non vidi.

Melampus

angustus Mouss. — Ins. St. Viti. } *Pätel* Cat. p. 114.
cylindroides Mouss. — Ins. Marq. }
hordaceus Mouss. — Queensland. — *Pätel* Cat. p. 114. — *M. hordeaceus* „*Mouss.*" Mus. God. cat. V. p. 88.
Leai Gassies Faun. Nouv. Caléd. II. 1871.
manatensis Shuttl. — Florida. — *Pätel* Cat. p. 114.
pellucidus (Conovulus) Coop. (*Pfr.* I. 58.) — *Tralia pellucida H. & A. Ad.*
pellucidus Pease in Journ. Conch. XIX. 1871. p. 93. — Anaa. (An = *M. lucidus Pease* 1869?)
pseudocommodus Mouss. — Oahu. } *Pätel* Cat. p. 114.
taeniatus Nutt. — Oahu. }

IV. Marinula King.

Pfr. Mon. Auric. p. 59; Auric. Brit. Mus. p. 44. — *Paiva* Moll. Mader. p. 151. — *Mouss.* Rev. faune malac. Canar. 1872. p. 135: subgenus Auriculae. — *Pätel* Catal. 1873. p. 16. 114. — *Ovatella Biv.* pt.

Species:

1. pepita King. (Coll. 1.) I. 59. II. 44. — *Pätel* Cat. p. 114. — *Auricula pepita Reeve, Recluziana Petit.* — *Pythia pepita Beck.* — *Conovulus triplicatus Ant.* — *Marinula Reclusiana H. & A. Adams.* — Chile, Columbia.
2. acuta (Auricula) Orb. I. 60. II. 45. — *Pythia acuta Beck.* — *Alexia acuta H. & A. Adams.* — Columbia, Panama?
3. nigra (Auricula) Phil. (Coll. 2.) I. 61. II. 45. — *Pätel* Cat. p. 114. — *Auricula marinella Küst.* — *Marinula marinella H. & A. Adams.* — Var.: *Auricula Callaoënsis Petit.* — *Marinula Callaoensis H. & A. Adams.* — Chiloe, Tristan D'Acunha.
4. patula (Melampus) Lowe. (Coll. 3.) I. 62. II. 46. — *Pätel* Cat. p. 114. — *Pedipes ovulus Fér.?* — *Pythia patula Beck.* — *Marinula xanthostoma H. & A. Adams*, *Angas* in Proc. Zool. Soc. 1867. p. 231. — Australia.
5. cymbaeformis (Auricula) Recluz. (Coll. 4.) I. 63. II. 47. — Ins. Ticao Philippinarum, var. Australia.
6. Firmini (Auricula) Payr. (Coll. 5.) I. 63. II. 47. — *Kregl.* Syst. Verz. p. 238. — *Pätel* Cat. p. 114. — *Jickeli* Afr. Moll. p. 187. — *Auricula ornata* et *villosa Fér.*, *muricata Sasso.* — *Ovatella punctata Bivon.* — *Melampus Firminii Lowe.* — *Pythia Ferminii Beck.* — *Marinula punctata H. & A. Adams.* — *Carychium Firmini* (Phytia) *Moq.-Tand.* Moll. France p. 416. t. 29. f. 30—32. — *Conovulus*

Firminii Issel Moll. Pisa 1866. p. 24. — *Alexia Firminii Issel* in Bull. malac. ital. I. 1868. p. 23. — *Voluta auris Judae* (f. 553. 554) et *Lycastes* (f. 555. 556) *Chieregh.* ined. (*Brusina* Prin. malak. Jadransk. p. 55; Ipsa Chiereghinii Conch. p. 123.) — Littora Maris Mediterranei.

7. M. Vulcani (Auricula) Morelet. †

„T. imperforata, rarius anguste rimata, fusiformi-ovata, solida, laevigata, lineis spiralibus basi obsolete notata, pallide fulva, infra suturas zona pallidiore obscure cingulata; spira conica, acuta; anfr. 8 subplani, sutura lineari discreti, ultimus basi attenuatus, spiram aequans; apertura anguste semiovalis, plicis 3 albidis aequidistantibus, media majore, coarctata; 2 in pariete aperturali, parallelae, arcuatim intrantes; 1 columellaris spiraliter contorta; peristoma rectum, acutum, margine dextro calloso, supra medium tuberculifero, columellari reflexo, dilatato, saepius adnato. — Long. 11, diam. 5 mill.“ (M.)

Auricula Vulcani Morel. Moll. terr. Açor. p. 207. t. 5. f. 8.
— — (Marinula) *Mouss.* Rev. faune malac. Canar. p. 135.

Habitat in insulis Terceira et Pico; nec non Teneriffa.

Obs. Species intermedia inter *A. aequalem* et *Firmini.*

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8. aequalis (Melampus) Lowe. (Coll. 6.) I. 64. II. 48. — *Pfr.* in Malak. Bl. XIII. 1866. p. 142. — *Paiva* Moll. Mader. p. 151. — *Pätel* Cat. p. 114. — *Pythia aequalis Beck.* — *Cassidula aequalis M. E. Gray.* — *Auricula aequalis Lowe.* — Var.: tenuior, unicolor fulva, paulo gracilior. (Ins. Selvages.) — Madera, ins. Azor.

9. gracilis (Melampus) Lowe. † I. 65. II. 48. — *Auricula gracilis Lowe.* — Madera.

10. M. Forestieri (Laimodonta) Montrouzier. †

„Testa imperforata, elongato-ovata, solidula, striis spiralibus confertis, tenuissimis (prima secunda tertiaque infra suturam magis impressis et magis distantibus) sculpta, pallide fulva, parum nitida; anfract. 5 convexis, 2 primis laevigatis, caeteris infra suturam depresso-marginatis, ultimo $^1/_2$ longitudinis superante, basi attenuato; apert. obliqua, semiovali-piriformis, triplicata, concolor, nitida; plicis inaequaliter distantibus, parallelis, spiraliter intrantibus, albis; 1 parietali magna, lamelliformi, procumbente, 2 columellaribus parallelis, supera mediocri, infera parva; peristomium simplex, acutum; labium columellare crassum, longitrorsum subcanaliculatum cum margine externo inter plicas parietalem et superam columellarem arcuatim in-

curvo, usque ad parietalem continuante. — Long. $3^1/_2$, lat. max. 2 mill.; apert. $1^3/_4$ longa, 1 lata." (C.)

Laimodonta Forestieri Montrouz. in sched.

Pedipes Forestieri Montr. & Crosse in Journ. Conch. XII. 1864. p. 41.

Marinula Forestieri Crosse ibid. p. 261. t. 10. f. 1.

— — *Gassies* Faune Nouv. Caléd. II. 1871. p. 103. t. 7. f. 6 (non 7).

Habitat in insula Art Novae Caledoniae.

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11. ? abbreviata (Pythia) Beck. † I. 65. II. 49. — Antill.

V. Pedipes Adanson.

Pfr. Mon. Auric. p. 65; Auric. Brit. Mus. p. 49. — *Paiva* Moll. Mader. p. 152. — *Pätel* Catal. 1873. p. 16. 114. — *Carassa Gistel.*

Species:

1. afer (Helix) Gmel. (Coll. 1.) I. 68. II. 51. — *Paiva* Moll. Mader. p. 153. — *Pätel* Cat. p. 114. — *Bulimus Pedipes Brug.* — *Tornatella pedipes Lam.* — *Pedipes afra Fér., Adansonii Blainv.* — Senegal, Gambia, Promontorium Palmarum, Madera.

2. P. Jouani Montrouzier. †

„Testa imperforata, ovato-conica, solida, oblique striata et liris confertis inaequalibus, striis subgranulatim et irregulariter incisis sculpta, subsaturate castanea, in juniore fulvidula; spira subgradata, apice acutiuscula; anfr. 4 sutura profunda separati, rotundati, superne subplanati, supra medium lira subvalidiore subcarinati, ultimus $^3/_5$ longit. formans; apert. subdiagonali-ovalis; plica parietalis valida, lamelliformis, inferne subfornicata; dentes 2 inaequales, extus basi C formi juncti, in labio columellari lato, concavo siti, superior lamelliformis, intrans, inferior tuberculose subacutus; perist. marginibus callo tenui, albo junctis, margine dextro intus callose labiato, callo medio dentem obtusum, validum, subalbum emittente. — Long. $5^1/_3$, lat. $4^1/_2$ mill.; apert. $3^1/_3$ longa, fere 2 lata." (S.)

Pedipes Jouani Montrouz. in sched.; *Souverbie* in Journ. Conch. X. 1862. p. 244. t. 9. f. 11.
— — *Gassies* Faun. Nouv. Caléd. p. 65. t. 6. f. 22.

Habitat „Baie boisée" Novae Caledoniae.

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3. mirabilis (Turbo) Mühlf. (Coll. 2.) I. 70. II. 52. — *Gloyne* in Journ. Conch. XX. p. 46. — *Pätel* Cat. p. 144. — *Pedipes quadridens Pfr., globulosus C. B. Adams.* — Cuba, Jamaica, Portorico, Guadeloupe.
4. ovalis C. B. Adams. I. 70. II. 52. — Jamaica.
5. globulus Petit. (Coll. 3.) I. 71. II. 53. — *Pätel* Cat. p. 114. — Haiti.
6. angulatus C. B. Adams. I. 71. II. 53. — Panama.
7. tridens Pfr. (Coll. 4.) I. 72. II. 54. — *Pätel* Cat. p. 114. — Bermuda, Cuba.

8. P. liratus W. G. Binney.

„T. imperforata, globoso-conica, solida, liris regularibus spiraliter cincta, nitens, straminea; spira brevis, depressa, apice obtusa; anfr. 3, superi breves, ultimus $^5/_6$ longitudinis subaequans; apertura semicircularis; paries aperturalis callo nitente indutus, et plica elevata, crassa, unca et intrante armatus; labium columellare callosum, dentibus 2 approximatis, crassis, acutis munitum; perist. acutum, intus callo nitente in medio dentem formante munitum. — Diam. maj. $2^1/_2$, long. $3^1/_3$; apert. long. $2^1/_2$ mill." (B.)

Pedipes lirata W. G. Binney in Proc. Ac. Philad. 1860. p. 54; land- and freshw. shells North-Am. II. p. 20. f. 21.
— — *Tryon* Amer. journ. conch. IV. 1868. p. 10. t. 18. f. 38.

Habitat ad promontorium St. Lucas peninsulae Californiae (Xantus).

9. P. Sandwicensis Pease. †

„Testa ovato-globosa, fusco-lutea, solida, costis transversis subdistantibus et irregularibus sculpta; anfr. 4, ad suturam convexe angulati, ultimus ventricosus; apertura alba, subquadrata; labrum externum flexuosum, medio incrassatum; labium columellare planum, plicis 3 munitum, suprema maxima et subobliqua, reliquis transversis, infima minima." (P. angl.) Dimens.?

Pedipes Sandwicensis Harper Pease in Proc. Zool. Soc. 1860. p. 146.

Habitat in insulis Sandwich.

10. P. affinis Férussac. †

„P. testa ovato-ventricosa, omnino flava, transversim minute striata; spira brevi, acuta, conica; anfractibus quinis, vix convexis, sutura submarginata conjunctis; ultimo maximo, bis longitudinem spirae aequante, antice angustiusculo; apertura minima, ovato-angusta, plicis quaternis, duabus majoribus obstructo. — Long. 7, diam. 4 mill." (D.)

Pedipes affinis Fér., Pfr. Mon. Auric. p. 72; Auric. Brit. Mus. p. 54.
— — *Deshayes* Catal. moll. île Réunion 1863. p. 83. t. 10. f. 5. 6.
Laemodonta affinis Jickeli Moll. Nordost-Afr. p. 181 *). t. 7. f. 6.

Habitat Isle de France; insula Dahlak Maris Rubri.

Obs. Apertura parum obliqua; plicae columellares 2 anteriores aequales, parvae, tertia posterior permagna, obliqua, excavata. Plica palatalis in medio sita, permagna, obtusula, secundae columellari subopposita. (Desh.)

11. ? P. granum (Melampus) Morelet. †

„T. parvula, subimperforata, ovata, tenuis, sub lente decussatula, cornea, pallide fulva; spira conica, brevis; sutura marginata; anfr. $4^1/_2$ convexiusculi, ultimus ventrosus, testae dimidium superans; apertura obliqua, ovalis, plicis 3 parietalibus, subaequidistantibus, parallelis, mediana majore, infera minore, coarctata; peristoma simplex, acutum, margine columellari dilatato, excavato, appresso, dextro plica transversa, exili munito. — Longit. vix 3, latit. fere 2 mill." (M.)

Melampus granum Morelet in Ann. Mus. Genov. III. 1870. p. 205. t. 9. f. 14.
Laemodonta granum Jick. Moll. Nordost-Afr. p. 178.

Habitat in insula Schech-Saïd prope Massaouah. (Unicum specimen: Issel.)

Obs. „Forma testae Pedipedem simulat, sed aperturae characteres ad Melampodem referunt." (M.)

Species mihi ignotae.

Pedipes unisulcata Coop. in Proc. Calif. Ac. III. Pt. 4. 1867.
— *naticoides Stearns* in Proc. Bost. Soc. Oct. 1869.

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*) „Testa rimata, oblongo-ovata, solida, pallide fuscula, nitidiuscula, transversim impresse striata, striis incrementi decussata; spira brevis, conica, apice acuto; anfr. 5, convexiusculi, sutura vix obliqua submarginata divisi, ultimus $^1/_2$ longitudinis superans, ventrosus; apertura paulum obliqua, anguste ovata; plicae palatales 2: superior alta, fornicato-descendens, inferior minor, ascendens; plica columellaris parva, dentiformis; perist. rectum, incrassatum, marginibus callo nitido conjunctis, dextro una plica transversa, columellari vix reflexo. — Alt. 6—9, diam. maj. $3^3/_4$—6, apert. alt. $3^3/_4$—5, lat. $2^1/_2$—$3^1/_2$ mill."

Subfam. III. Auriculea.

Pfr. Mon. Auric. p. 73. — *Auriculinae Gray* in *Pfr.* Cat. Auric. Brit. Mus. p. 54.

VI. Pythia Bolten.

Pfr. Mon. Auric. p. 73; Auric. Brit. Mus. p. 54. — *Pätel* Catal. 1873. p. 16. 114. — *Scarabus Montf.* — *Scarabaea Oken.* — *Scarabaeus Blainv.* — *Strigula Perry.* — *Polydonta Fisch. de Waldheim.* — *Polyodonta Fér.*

Conspectus specierum.

A.	Transverse rimatae	§. 1.	Nr.	1—7.
B.	Subimperforatae	§. 2.	—	8—19.
C.	Aperte perforatae vel umbilicatae	§. 3.	—	20—45.
D.	Species dubiae	§. 4.	—	46—47.

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§. 1.

1. trigona (Scarabus) Trosch. (Coll. 1.) I. 75. II. 56. — *Pätel* Cat. p. 114. — *Scarabus trigonus Chenu* Man. Conch. I. p. 476. f. 3514. — *Issel* Moll. Born. p. 61. — Bombay, Borneo, Luzon.
2. inflata Pfr. I. 76. II. 57. — *Scarabus plicatus var. Metc.*, *inflatus Issel* Moll. Born. p. 61. — Borneo.
3. plicata (Scarabus) Fér. (Coll. 2.) I. 76. II. 57. — *Pätel* Cat. p. 114. — *Helix scarabaeus var. Chemn.* — *Bulimus scarabaeus A Brug.* — *Strigula purpurea Perry?* — *Polydonta plicata Beck.* — *Auricula plicata Desh.* — *Scarabus triangularis Bens.*, *plicatus Morelet* Sér. conch. IV. p. 270: Bangkok. — Bengalia, Pondichery, Jaffna.
4. Ceylanica Pfr. (Coll. 3.) I. 78. II. 58. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 354. Nr. 478. t. 83. f. 1. 2. — *H. Nevill* Enum. Helic. et Pneum. Ceyl. 1871. p. 4. — Ceylon.

5. P. Maurulus (Scarabus) Gassies. †

„Testa rimata, elongato-ovato, pyramidata, nigro-violacea, unicolor, longitudinaliter flexuose striata; anfractus 12 depressi,

ultimus $^2/_3$ $^1/_2$ longitudinis aequans; sutura plicata; spira abbreviata, acuminata, apice erosa, varicibus albo-rufis; apertura subanguste ovata, denticulata, labro dextro intus crasso, fulvo, tuberculis 5 munito, 2 mediis majoribus; dentes palatales 2, superne elongato-conici, inferne subbifidi, descendentes; plica columellaris excavata, ascendens; peristoma patulum, reflexum, violaceum, nitidum, intus nigro-coeruleum, nitidum; dentes albo-fulvi. — Diam. maj. 13, alt. 23—25 mill. Apert. 10—11 mill. longa, 5 lata." (G.)

Scarabus Maurulus Gass. in Journ. Conch. XVIII. p. 143; Faune Nouv. Caléd. II. 1871. p. 103. t. 7. f. 5 (non 6).

Habitat in Nova Caledonia (Lambert, Déplanches, Vieillard).

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6. Petiveriana (Scarabus) Fér. † I. 78. II. 58. — *Pätel* Cat. p. 114. — An = *P. plicata Fér.?* — Bengalia.

7. P. minor (Scarabus) Gassies.

„Testa imperforata, minuta, compressiuscula, strigata, rufescente, castaneo vel fulvo-marmorata; spira abbreviato-acuminata; varicibus albis; anfractibus 7—8 subcorrugatis; apertura anguste ovata, depressa, denticulata, labro columellari contorto. — Diam. 10, alt. 13 mill." (G. — Coll. Nr. 4.)

Scarabus minor Gassies Faun. Nouv. Caléd. 1863. p. 57. t. 3. f. 8.

Habitat in insula Tuo Novae Caledoniae (Montrouzier).

§. 2.

8. lekithostoma (Scarabus) Reeve. (Coll. 5.) I. 79. II. 59. — *Pätel* Cat. p. 114. — Ins. Guam.

9. P. Verreauxi Pfr.

T. imperforata, elliptico-ovata, solida, sublaevigata, ad suturam profunde arcuato-striata; spira conoidea, acutiuscula, nigricans; varices obtusuli, pone limbum nigrum striga albida notati; anfr. 10 plani, ultimus $^3/_5$ longitudinis subaequans, antice parum descendens, superne et antice nigro-castaneus, caeterum fulvidus, castaneo-maculatus; apertura verticalis, angusta; dentes parietales 2 griseo-albidi, superior trigonus, subbicruris, alter oblique intrans, extus subduplicatus; plica columellaris lata, quadrangularis, oblique ascendens; perist. nigricans, pallide limbatum, reflexiusculum, margine dextro

substricto, intus callo crasso, inaequaliter 5—6-dentato munito, columellari crasso, dilatato, omnino adnato. — Long..30, diam. maj. 17, min. 13½ mill. Apert. c. perist. 19 mill. longa. (Coll. Nr. 6.)

Pythia Verreauxi Pfr. in Malak. Bl. III. 1856. p. 173; Novit. conch. Fasc. XXVIII. p. 356. n. 480. t. 83. f. 5. 6; Auric. Brit. Mus. p. 63 (err. *Verreanaei*).

Habitat . . .?

10. P. nux (Scarabus) Reeve. †

„Testa imperforata subabbreviato-ovata, obesiuscula, purpureo-fusca, castaneo obscure maculata, anfractibus octo partim corrugato-striatis; apertura curvata, superne subemarginata, dentibus prominente distortis, labro columellari angulato reflexo. — Diam. maj. 26, min. 23, alt. 26 mill.“ (G.)

Scarabus nux Reeve Conch. icon. 1860. t. 11. f. 18.
— — *Gassies* Faun. Nouv. Caléd. p. 56. t. 3. f. 7.

Habitat Balade Novae Caledoniae.

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11. pyramidata (Scarabus) Reeve. (Coll. 7.) I. 79. II. 60. — *Pätel* Cat. p. 114. — Nova Hibernia, ins. Salomonis. — Var. β: minor, violaceo-castanea, albo-maculata; long. 21, diam. max. 12; apert. long. 11 mill. — Ins. Guam.

12. P. lentiginosa Garrett. †

„Testa perforata, solida, acuto-ovata, compressa, lutescenti-alba, maculis parvis irregularibus, laete fuscis profuse conspersa aliisque („*dashes*“) saturatius brunneis lateribus ornata; spira convexo-conica, dimidium totius longitudinis non attingens; anfr. 9, plano-convexi, ultimus convexo-rotundatus, longitudinaliter ruditer striatus, striis superne magis conspicuis, basi rotundatus; apertura angusta, subverticalis, melleo-lutea; perist. leviter expansum et inferne subreflexum, superne simplex, margine interno dentibus tubercularibus 5—6 (quorum 2 multo validioribus) munito; columella supra umbilicum expansum (eum non claudens), plica magna compressa, obtusa, obliqua munita; regio parietalis tenuiter callosa, dentibus 2 fortibus armata: inferiore bilobato, transverse intrante, superiore subtrilobato. — Long. 29, diam. 16 mill.“ (Garr. angl.)

Pythia lentiginosa Garr. in Amer. journ. conch. VII. 1872. p. 220. t. 19. f. 4.
— — *Schmeltz* in Mus. God. cat. V. p. 87.

Habitat Tavinni Island insularum Viti.

13. P. hepatica Pfr.

T. imperforata, ovato-conica, solidula, laevigata, ad suturam vix striatula, violacescenti-fusca; spira conoidea, acutiuscula; varices obtusi, striga obliqua pallida notati; anfr. 8 plani, ultimus longe descendens, spiram vix superans, basi subattenuatus; apertura verticalis, magna, intus cum dentibus lividocarnea; dentes parietales 2, superior flexuose bicruris, alter compressus, subdescendens; plica columellaris linguaeformis, oblique ascendens; perist. sordide aurantiacum, incrassatum, marginibus callo crasso, nitido junctis, dextro superne sinuato, intus callo lato, inaequaliter tridentato, munito, columellari crassissimo, omnino adnato. — Long. 24, diam. maj. 15, min. 11 mill. Apert. c. perist. 13 mill. longa. (Coll. Nr. 8.)

Pythia hepatica Pfr. in Malak. Bl. III. 1856. p. 174; Novit. conch. Fasc. XXVIII. p. 357. n. 481. t. 83. f. 7. 8; Auric. Brit. Mus. p. 63.

Habitat . . .?

14. P. Wallacei Pfr.

T. imperforata, compresse ovato-acuminata, solidiuscula, leviter striata, lutescens, punctis castaneis dense conspersa vel subunicolor castanea; spira conica, acuminata, lateribus angulata, varicibus pallidis; sutura levis indistincta; anfr. 9—10 planiusculi, ultimus $^3/_5$ longitudinis fere formans; apertura vix obliqua, angustissima; plicae parietales 3, suprema verticaliter descendens, angulatim retroflexa, secunda magna, linguaeformis, tertia minuta, illi parallela; plica columellaris valida, torta, subascendens; perist. callo dentifero munitum (dentibus 3 majoribus, tertio minuto), superne simplex, tum expansum et tenuiter reflexum. — Long. 23, diam. maj. 14, min. 10 mill. Apert. c. perist. $15^1/_2$ mill. longa. (Mus. Cuming.)

Pythia Wallacei Pfr. in Proc. Zool. Soc. 1861. p. 28. t. 2. f. 2.

Habitat in insula Batchian (Wallace).

Obs. Similis *P. Borneensi A. Adams*, sed imperforata, plica columellaris diversa, peristoma tenue.

15. P. nigricans Pfr.

T. imperforata, ovato-conica, solida, laevigata, ad suturam obsoletissime striatula, subunicolor nigricans; spira convexiusculo-conica, acuta; varices obtusi, vix subpallide marginati; anfr. 9 planiusculi, ultimus longe descendens, spiram subaequans; apertura subobliqua, semiovalis; dentes parietales 2, superior arcuatus, alter simplex, compressus, longe intrans;

plica columellaris linguaeformis, obliqua, extus ad marginem producta; perist. fulvo-lividum, marginibus callo tenui junctis, dextro regulariter arcuato, reflexiusculo, intus callo inaequaliter sexdentato munito (dentibus 2 supremis, quarto et sexto minoribus), columellari crasso, adnato. — Long. 21, diam. $12^1/_2$, min. 10 mill. Apert. c. perist. $11^1/_2$ mill. longa. (Coll. Nr. 9.)

Pythia nigricans Pfr. in Malak. Bl. III. 1856. p. 174; Novit. conch. Fasc. XXVIII. p. 358. n. 482. t. 83. f. 9. 10; Auric. Brit. Mus. p. 64.

Habitat . . .?

16. P. tortuosa Mousson. †

„T. imperforata, nec rimata, compresse ovata, vix striatula, laevigata, vel unicolor fuscula, vel luteo brunneoque maculata. Spira compresso-conica; summo acuto, regulari; sutura simplici, ad varices descendente. Anfr. 10, plani, arcuatim plicato-striati, varicibus macula alba, parvula ornatis; ultimus descendens, subtrapezialiter ovatus, ad regionem umbilicarem valde attenuatus. Apert. subverticalis (8° cum axi), spiram vix superans, anguste oblique semiovalis, pallide lutea. Dentes parietales 2, superus triangularis, bicruris, crure supero aeque prolongato, paulo curvato, inferus validus, simplex; plica columellaris subhorizontalis, gracilis, antice producta, in marginem basalem curvata. Perist. breviter reflexum, extus albo marginatum, intus interdum fusco maculatum; marginibus callo tenui junctis; dextro supra subsimplici, tum late labiato, 5-dentato, dentibus tertio et quinto majoribus, secundo parietali stricte opposito; columellari brevissimo, superne arcte et concave appresso, lateraliter externe curvatim producto. — Alt. 21, diam. maj. 12, min. 9,8 mill. — Rat. anfr. 17 : 9. — Rat. apert. 4 : 3.

β. infidelis. — Subrimata, paulo gracilior, fuscula, subunicolor, margine columellari minus demisso et minus appreso.“ (M.)

Pythia tortuosa Mouss. in Journ. Conch. XIX. 1871. p. 19. t. 3. f. 6.
— — *Pätel* Catal. p. 114.
— — *Schmeltz* in Mus. God. cat. V. p. 87.

Habitat in insulis (Tonga) Uea et Futuna (Gräffe).

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17. imperforata (Scarabus) A. Adams. (Coll. 10.) I. 80. II. 60. — *Pätel* Cat. p. 114. — *Scarabus imperforatus Issel* Moll. Born. p. 61. — Borneo.

18. P. Crosseana (Scarabus) Gassies. †

„Testa imperforata, abbreviato-obesa, griseo-coerulea, ad aperturam alba, sparsim brunneo-maculata, longitudinaliter

striatula; anfractus 10 depressi, ultimus $^2/_3$ longitudinis aequans, striatulus; apice mucronato; sutura plicata; spira abbreviato-acuminata, varicibus albis; apertura angusta, ovata, depressa, denticulata, labro dextro patulo, tuberculis 5, inferioribus 2 majoribus instructo; dentes palatales 2, inferus horizontalis, superus verticalis; peristoma fuscum, nitidum; dentes albi. — Diam. maj. 10, altit. 18—20 mill.“ (G.)

Scarabus Crosseanus Gass. in Journ. Conch. XVIII. 1870. p. 144; Faune Nouv. Caléd. II. 1871. p. 102. t. 7. f. 4 (non 5).

Habitat Ouvea insularum Loyalty (Lambert).

19. **P. perovata Garrett.** †

„Testa leviter perforata vel imperforata, solida, ovata, compressa, cornea vel laete castanea, saepe saturate brunnea, maculis saturatioribus et plerumque fascia suturali obscura ornata; spira brevis, subacuta, convexo-conica, paulo plus quam testae tertiam partem formans; anfr. 8—9, plano-convexi, ultimus magnus, ovatus, longitudinaliter ruditer striatus, striis superne distinctioribus; sutura ruditer crenulata; apertura subverticalis, angusta, alba, lutescenti-albida vel fuscescens; perist. rotundatum et antice expansum, leviter reflexum, margine interno copiose calloso et 4, rarius 5, dentibus, quorum 2 multo majoribus, armato; columella expansa, plica valida subobliqua munita; regio parietalis vitraceo-polita, dentibus 2 validis, plicaeformibus, inferiore duplice, compresso, in aperturam intrante, superiore verticali, compresso, munita. — Long. 24, diam. $13^1/_2$ mill.“ (Garr. angl.)

Pythia perovata Garr. in Amer. journ. conch. VII. 1872. p. 221. t. 19. f. 5.
— — *Schmeltz* in Mus. God. cat. V. p. 87.

Habitat in insulis Viti.

§. 3.

20. Reeveana Pfr. (Coll. 11.) I. 81. II. 61. — *Pätel* Cat. p. 114. — *Scarabus imbrium Ad. & Reeve, Reeveanus Issel* Moll. Born. p. 61. — *Polydonta scarabaeus Woodw.?* — Ins. Philippin., Celebes, Borneo.

21. scarabaeus (Helix) Linn. (Coll. 12.) I. 82. II. 61. — *Mörch* in Journ. Conch. XX. 1872. p. 322 (Nicobar.) cum var. umbilico clauso. — *Pätel* Cat. p. 114. — *Helix pythia Müll.* — *Pythia helicina Bolt., rictans Schum., imbrium Mörch, Lessoni H. & A. Adams, Mörch* Catal. Yoldi p. 37. n. 770. — *Bulimus scarabaeus B Brug.* — *Scarabus imbrium Montf., Lessonii Blainv.* — *Auricula scarabeus Lam., Petiveriana Desh.* — *Polydonta Lessonii* et *Listeriana Beck.* — Forma imperfecta: *Cochlea imbrium Rumph.* — *Helix Scarabaeus Chemn.* — *Scarabus imbrium Blainv.* — *Polydonta imbrium Beck.* — *Pythia helicina Mörch* Catal. Yoldi p. 37. n. 772. (ex ic. Chemn.) — Molucc., Nova Hibernia, Novae Hebridae.

22. abbreviata (Scarabus) Blainv. † I. 85. II. 64. — *Polydonta abbreviata Beck.* — Insula parva Oceani indici.
23. insularis (Scarabus) Hombr. & Jacq. † I. 85. II. 64. — Ins. Salomonis.
24. pollex (Scarabus) Hinds. (Coll. 13.) I. 86. II. 65. — *Mouss.* in Journ. Conch. XVIII. 1870. p. 133. — *Pätel* Cat. p. 114. — *Schmeltz* in Mus. Godeffr. cat. V. p. 87. — *Scarabus zonatus Hombr. & Jacq.* — *Scarabus pollex Reeve* Conch. ic. Nr. 7. — Ins. Feejee.
25. costulata (Scarabus) Küst. † I. 87. II. 65. — India orientalis.
26. albovaricosa Pfr. (Coll. 14.) I. 87. II. 66. — Ins. Celebes.
27. chalcostoma (Scarabus) A. Adams. I. 87. II. 66. — *Scarabus chalcostomus Reeve* Conch. ic. t. 1. f. 8. — *Gassies* Faun. Nouv. Caléd. p. 55 *). t. 3. f. 5. — Ins. Salomonis (D'Orville), ins. Art et Tuo Novae Caledoniae (Magen, Montrouzier).

28. P. Savaiensis Mousson. †

„T. rimato-umbilicata, acute glandiformis, minus compressa, solidula, obtuse striata, sublaevigata, intense lutea, castaneo maculata. Spira acute conica, superne subconcava; summo producto, acuto, fusco, breviter decollato; sutura plane appressa, ad varices descendente. Anfr. 8 integri, 2—3 detriti, plani, subarcuatim plane plicato-striati, ad varices obtuse angulati et maculis albis et fuscis, supra deficientibus picta; ultimus descendens, supra et infra magis striatus, in basin subcompressus, in marginem maculis frequentioribus ornatus. Apertura fere verticalis (8^0 cum axi), spiram subaequans, lunato-ovalis, lutescens. Dentes parietales 2; superus pyramidalis, antice bicruris, superne tenuiter elongatus, retrocurvatus; inferus validus, crassiusculus, simplex; plica columellaris subacuta, non protracta, lente ascendens. Perist. reflexiusculum, intus maculatum; margine dextro supra snbsimplici, tenui, deinde expanso, intus 4-dentato (dentibus 2 et 4 majoribus), primo dente parietali infero vix opposito, saepe subjecto; margine columellari dilatato, patente, subflexuoso. — Altit. 30, diam. maj. 17, min. 14 mill. — Rat. anfr. 12 : 7. — Rat. apert. 3 : 2." (M.)

Pythia Savaiensis Mouss. in Journ. Conch. XVII. 1869. p. 345; XVIII. 1870. p. 133.
— *Savayensis Schmeltz* in Mus. God. cat. V. p. 87.

Habitat in insulis Savai et Manua, nec non Ovalau (Gräffe).

Obs. „Species minus compressa quam *P. scarabaeus* et *pantherina*, proxime affinis videtur *P. chalcostomae Ad.*" — An ad *P. pantherinam* referenda? (Pätel Catal. p. 114.)

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*) „Testa perforata, elongato-ovata, subpyramidali, rufo-castaneo pallide nebulata, varicibus albidis, latis; anfractibus 10—12 subcompressis, laevibus; apertura subanguste ovata, nitente, fulva. — Diam. 15, alt. 26 mill."

29. ovata Pfr. (Coll. 15.) I. 88. II. 67. — *H. Nevill* Enum. Helic. etc. Ceyl. 1871. p. 4. — *Pätel* Cat. p. 114. — Ceylon.
30. Celebensis Pfr. I. 89. II. 67. — Celebes.
31. Cumingiana (Scarabus) Petit. (Coll. 16.) I. 89. II. 68. — *Pätel* Cat. p. 114. — Ins. Philippin.

32. P. leopardus (Scarabus) Reeve. †

„Testa perforata late ovata, compressiuscula, fulvescente castaneo sparsim marmorata; spira abbreviato-acuminata; varicibus subindistinctis; anfractibus 9—10 subcorrugatis; apertura subanguste ovata, curvata, labro columellari late adpresso contorto. — Diam. 17, alt. 26 mill.“ (G.)

Scarabus leopardus Reeve Conch. icon. 1860. t. 11. f. 14.
— — *Gassies* Faun. Nouv. Caléd. p. 55. t. 3. f. 6.

Habitat in insula Tuo Novae Caledoniae.

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33. undata Scarabus) Lesson. (Coll. 17.) I. 90. II. 68. — *Auricula scarabeus var. Desh.* — Ins. Waigiou.
34. castanea (Scarabus) Lesson. (Coll. 18.) I. 91. II. 69. — *Polydonta castanea Beck.* — *Auricula scarabeus var. Desh.* — Ins. Waigiou, Zebu.
35. sinuosa (Scarabus) A. Adams. (Coll. 19.) I. 92. II. 70. — Ins. Negros Philippinarum.
36. semisulcata (Scarabus) A. Adams. † I. 93. II. 70. — Habitat?
37. striata (Scarabus) Reeve. (Coll. 20.) I. 94. II. 71. — *Pätel* Cat. p. 114. — *Auricula scarabaeus Quoy & Gaim.* — Ins. Philippin.
38. pantherina (Scarabus) A. Adams. (Coll. 21.) I. 94. II. 71. — *Pätel* Cat. p. 114. — *Scarabus pyramidatus Küst., pantherinus Issel* Moll. Born. p. 61. — Var. β? *Scarabus Petiverianus Reeve.* — γ. minor, gracilior, pallida. — δ. *Uveana Mouss.* in Journ. Conch. XIII. 1865. p. 177 *). — Ins. Philippin., Java, Borneo, Celebes.
39. Borneensis (Scarabus) A. Adams. (Coll. 22.) I. 95. II. 72. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 359. Nr. 483. t. 83. f. 11. 12. — *Scarabus Borneensis Issel* Moll. Born. p. 60. — Borneo.
40. Argenvillei Pfr. (Coll. 23.) I. 96. II. 73. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 361. Nr. 485. t. 83. f. 15—17. — Australia.
41. Macgillivrayi Pfr. (Coll. 24.) I. 97. II. 73. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 360. Nr. 484. t. 83. f. 13. 14. — *Pätel* Cat. p. 114. — Nov. Hebrid.
42. Cecillei (Scarabus) Phil. (Coll. 25.) I. 97. II. 74. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 355. Nr. 479. t. 83. f. 3. 4. — *Pätel* Cat. p. 114. — China.

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43. acuta (Scarabus) Hombr. & Jacq. † I. 98. II. 74. — Ins. Hogoleu.

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*) „Paulo latior, diam. maj. 13, alt. 21 mill., dente infero parietali simplici, non sulcato, perforatione minuta: Nucuiona.“

44. variabilis (Scarabus) Hombr. & Jacq. † I. 98. II. 74. — Nova Guinea, ins. Arrow.
45. crassidens (Scarabus) Hombr. & Jacq. † I. 99. II. 74. — Amboina.

§. 4.

46. dilatata (Polydonta) Beck. † I. 99. II. 75. — Ins. Philippin.
47. gibbosa (Polydonta) Beck. † I. 99. II. 75. — Habitat?
48. carinata (Polydonta) Beck. † I. 79. — Sincapore.

VII. Plecotrema H. & A. Adams.

Pfr. Mon. Auric. p. 99; Auric. Brit. Mus. p. 75. — *Harper Pease* in Proc. Zool. Soc. 1869. p. 59. (Descriptio animalis *Pl. striatae Phil.)* — *Pätel* Catal. 1873. p. 16. 114. — *Lirator Beck?*

Conspectus specierum.

A. Aperte umbilicatae	§. 1.	Nr.	1— 7.
B. Subimperforatae	§. 2.	—	8—21.
C. ? Species aberrans	§. 3.	—	22.
D. Species fossiles	§. 4.	—	23—27.

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§. 1.

1. typica H. & A. Adams. I. 100. II. 76. — *Gassies* Faun. Nouv. Caléd. p. 67. — Pulo Penang, ins. Philippin., Nova Caledonia.
2. concinna H. & A. Adams. (Coll. 1.) I. 101. II. 76. — *Pätel* Cat. p. 114. — Australia.
3. lirata H. & A. Adams. (Coll. 2.) I. 101. II. 76. — Australia.
4. bella H. & A. Adams. I. 102. II. 77. — Ins. Philippin.

5. Pl. Souverbiei Montrouzier.

„T. umbilicata, ovato-conica, scalaris, solida, liris elevatis, spiralibus, inaequalibus, granulatis sculpta, interstitiis oblique denseque sublamellatim striatis, non nitens, sordide fulva; spira producta, scalaris, apice acutiuscula; anfr. 8, infra suturam lira solitaria, subvalidiore cincti, superne angulati, cum spatio inter angulum (saepe validius liratum) et liram suturalem subplano-concavo, elirato et dense striata; ultimus spira brevior

($^2/_5$ subaequans), infra angulum obconice attenuatus, pone aperturam subcompresse et valide cristatus, basi circa umbilicum subinfundibuliformem, subprofundum carinatus; apertura subobliqua; plicae parietales 2, superior nodiformis, suboblique descendens, altera transversa, aliquando supra basim subduplicata, profunde intrans, extus in carinam periomphalem abiens; plica columellaris minor, transversa; peristoma continuum, undique solutum, plus minusve porrectum, breviter expansum; margine dextro bidentato, dente supremo majore. — Long. 5, lat. $2^2/_3$ mill.“ (S. — Coll. Nr. 3.)

β. Ventrosior, ult. anfr. $^1/_2$ testae aequans. Long. $4^1/_2$, lat. 3 mill.

Plecotrema Souverbiei Montrouz. in sched.; *Souverbie* in Journ. Conch. X. 1862. p. 246. t. 9. f. 12.
— — *Gassies* Faun. Nouv. Caléd. p. 67. t. 6. f. 23.

Habitat „Baie boisée“, var. β ins. Art Novae Caledoniae.

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6. decussata H. & A. Adams. (Coll. 4.) I. 102. II. 77. — Ins. Philippin.
7. bicolor Pfr. I. 103. II. 78. (In Proc. Zool. Soc. 1855 casu omissa.) — Port. Jackson.

§. 2.

8. octanfracta (Pedipes) Jonas. (Coll. 5.) I. 103. II. 78 *(clausa)*. — *Jickeli* in Nachr. malak. Ges. Oct. 1872. p. 65. — *Pedipes octanfracta Jonas* in Zeitschr. f. Malak. 1845. p. 169 *). — *Plecotrema clausa H. & A. Adams, Pease* in Proc. Zool. Soc. 1871. p. 469 **). — *Schmeltz* in Mus. God. cat. V. p. 87. — Ins. Sandwich.

9. P. mordax Dohrn.

„T. vix rimata, ovato-conica, solidula, sulcis spiralibus regulariter exarata, vix nitida, pallide fulva, interdum rufo-

*) „P. testa ovato-conica, anguste perforata, solida, transversim lirata: liris latiusculis, sulcis interjectis angustis, fusca; anfractibus octo planiusculis, ultimo convexo, subventricoso, spira majori; apertura elongato-ovata, dentibus quinque coarctata: dentibus tribus majoribus compressis, aequalibus, intervallis paribus in columella, duobus minoribus nodiformibus in margine dextro. — Long. $2^2/_3$, lat. $1^2/_3$ lin.“ (J.)

**) „T. imperforata, ovato-conoidea, crassa, vix nitidula, spiraliter costulata aut lirata, costis rotundatis, interstitiis setulis munitis et longitudinaliter tenuiter striatis, pallide fulva vel rufescenti-fusca, rare indistincte fasciata; spira conica, apice acuto, vix mucronato; anfr. 7, planiusculi, ultimus convexus, $^1/_2$ longitudinis testae fere aequans, basi vix attenuatus; apertura vix obliqua, oblonga, angusta, ringens, basi anguste rotundata, postice acute angulata; plicae parietales 2, superior compressa, perobliqua, cum labro callo juncta, altera bifida; plica columellaris compressa, transversa; labrum dextrum extus incrassatum, intus ad marginem valde callosum, fortiter bidentatum; apertura pallida, albida. — Dimens. 5 $\times$ 3 vel 4 $\times$ 2 mill. — Hawaii.“

maculata; spira conica, mucronata; sutura simplex; anfr. 7—8 vix convexiusculi, ultimus ventrosus, spira longior, pone aperturam cristatus, antice contractus; apertura obliqua, angustata; plicae parietales 2 obliquae, superior obtusa, inferior acuta intrans, extus bifida, crure superiore parvulo; plica columellaris valida, ascendens; peristomium rectum, marginibus callo lato nitido junctis, dextro in medio bidentato, columellari sinuato, adnato. — Long. $5^1/_2$, lat. $3^1/_2$; ap. long. 3, lat. $1^1/_2$ mill.“ (D.)

Plecotrema mordax Dohrn in Malak. Bl. VI. 1859. p. 204.
— — *Pease* in Journ. Conch. XIX. 1871. p. 93.
— — *Martens & Langk.* Don. Bismark. 1871. p. 55. t. 3. f. 8.
— — *Morelet* in Ann. Mus. Genov. III. 1872. p. 206. (Specimina potius ad *Pl. rapacem* pertinent: *Jickeli.*)
— — *Pätel* Catal. p. 114.

Habitat Tahiti (Vesco), ins. Anaa (Pease), Mare Rubrum (Issel, Morelet).

Obs. Species verosimiliter *Pl. rapaci Dohrn* injungenda. (*Jick.* Moll. Nordost-Afr. p. 183.)

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10. exarata H. & A. Adams. I. 104. II. 79. — *Issel* Moll. Born. p. 62. — Borneo.

11. Pl. Binneyi Crosse. †

„T. subrimata, ovato-conica, parum crassa, nitidula, striis obsoletis, sub oculo armato interdum pertusis, transversim impressa, pallide fusca, in vicinio suturae valide marginatae albido-cinerea; spira mediocriter elevata, mucronata; anfr. 8 planiusculi, embryonales 2 laeves, cornei, ultimus non descendens, spiram paulo superans, basi attenuatus, albidus; apertura vix obliqua, oblonga, angusta, intus fusca, plicis 2 parietalibus, altera parviuscula, nodiformi, altera valida, lamelliformi, profunde intrante, et tertia columellari coarctata; perist. subduplicatum, incrassatum, livide albidum, marginibus callo junctis, externo intus incrassato, unidentato, columellari expansiusculo. — Long. $5^1/_4$, diam. maj. 3 mill. Apert. cum perist. $3^1/_2$ mill. longa, 2 lata.“ (C.)

Plecotrema Binneyi Crosse in Journ. Conch. XV. 1867. p. 448; XVII. 1869. p. 395. t. 12. f. 5.

Habitat „Peron's Peninsula, Shark Bay“ Australiae (B. Wright).

12. Pl. exigua H. Adams. †

„P. testa profunde rimata, ovato-conica, solida, spiraliter valde sulcata, longitudinaliter striata, pallide fulva; spira

conoidea, apice mucronata; anfr. 8, planiusculis, infra suturam sulco profundo et lato exaratis, ultimo basi attenuato, pone aperturam valde cristato; apertura subobliqua, angusta; plicis parietalibus 2, superiore tuberculiformi, altera bipartita; plica columellari compressa, subhorizontali; perist. simplici, marginibus callo crasso junctis, dextro intus incrassato, tridentato, dente superiore minuto, columellari dilatato, patente. — Long. 6, diam. $3^1/_2$ mill.; apert. 2 mill. longa." (A.)

Plecotrema exigua H. Adams in Proc. Zool. Soc. 1867. p. 307. t. 19. f. 15.

Habitat „Trou d'Eaux Douces" insulae Mauritii (G. Nevill).

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13. striata (Laimodonta) Nuttall. (Coll. 6.) I. 104. II. 79. — *Pease* in Proc. Zool. Soc. 1871. p. 469*). — *Pätel* Cat. p. 114. — *Schmeltz* in Mus. God. cat. V. p. 87. — *Auricula striata Phil.* — *Pedipes inaequalis C. B. Adams.* — *Plecotrema inaequalis H. & A. Adams, Pätel* Cat. p. 114. — *Ellobium striatum H. & A. Adams.* — Var. *β*: *Plecotrema labrella H. & A. Adams.* — *Lirator multisulcatus Beck?* — Ins. Sandwich.

14. **Pl. rapax Dohrn.**

„T. imperforata, ovato-conica, tenuiuscula, regulariter sulcata, nitidula, corneo-hyalina; spira conica obtusiuscula; sutura marginata; anfr. 6—7 planiusculi, ultimus spiram superans, basi attenuatus, pone aperturam cristatus; apertura obliqua; plicae parietales 2, superior dentiformis, peroblique descendens, inferior extus breviter bifida, lamelliformis, transversa; columellaris mediocris, ascendens; peristomium rectum, marginibus callo lato junctis, dextro bidentato, columellari breviter reflexo. — Long. 6, lat. 3; ap. long. 3, lat. 2 mill." (D. — Coll. Nr. 7.)

Plecotrema rapax Dohrn in Malak. Bl. VI. 1859. p. 204.
— — *Pätel* Catal. p. 114.

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*) „T. crassa, imperforata, globoso-conica, subovata, nigra, spiraliter impresse striata, striis rare inaequaliter distantibus, interstitiis planis, striis remote hispidulis; spira conica, mucronata, convexiuscula; sutura linearis; anfr. 7, ultimus tumidiusculus, $^1/_2$ longitudinis testae fere aequans, basi vix attenuatus; apertura fere verticalis, oblonga, postice acuta, vix contracta, basi rotundata, nigricans vel cinereo-nigrescens; plicae parietales 2, lamelliformes, superior peroblíqua, altera extus bifida, valde compressa, elevata, profunde intrans; plica columellaris valida, transversa: peristoma rectum, acutum, marginibus plerumque callo lato tenuissimo junctis, dextro intus, dimidio anteriore et circa basin prope marginem calloso, bidentato; columella extus ad marginem vix elevato-laminata, infra juxta regionem umbilicalem vix crispata. — Diam. 8 $\times$ 5 vel 5 $\times$ 3 mill. Oahu."

Plecotrema rapax Jickeli Moll. Nordost-Afr. p. 182 *). t. 7. f. 7.

Habitat in Arabia (Wilke); Massaua, Schech Said, etc. (Jickeli).

Obs. Proxime affinis *Pl. striatae.*

15. Pl. Cumingiana Blanford.

„Testa subrimata, subelliptico-ovata, solida, punctis impressis crebris, lineas spirales confertas formantibus, striisque incrementi obliquis ornata, ferrugineo-fusca. Spira conoidea, lateribus vix convexiusculis, apice eroso, sutura laevi. Anfr. 4 superst., superi planulati, vix discreti, sulcis spiralibus 4 notati, ultimus ad peripheriam subangulatus, subtus compressiusculus. Apertura vix obliqua, plicis parietalibus 2, superiori brevi obliqua, altera intrante, extus bifida, plica columellari subobliqua; peristoma rectum, pone limbum acutum intus callosum, margine dextro tridentato. — Long. 5, diam. 3 mill. Apert. $3^1/_4$ mill. longa.“ (Bl. — Coll. Nr. 7.)

Plecotrema Cumingiana W. T. Blanf. Contr. to Ind. Malac. VIII. 1866. p. 15; Journ. As. soc. Beng. XXXVI. Pt. 2. t. 13. f. 6.

Habitat „Irawady Delta“ Pegu.

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16. punctigera H. & A. Adams. (Coll. 8.) I. 105. II. 80. — *Pätel* Cat. p. 114. — *Issel* Moll. Born. p. 62. — *Morelet* Sér. conch. IV. p. 273: Siam, Cochinchina. — Borneo, Sincapore.

17. monilifera H. & A. Adams. (Coll. 9.) I. 105. II. 80. — Habitat?

18. punctatostriata H. & A. Adams. (Coll. 10.) I. 106. II. 80. — *Issel* Moll. Born. p. 62. — *P. punctostriata Ad.* — Borneo, Sincapore.

19. Pl. Siamensis Morelet. †

„T. subrimata, oblonge ovata, solida, confertim spiraliter sulcata strigisque longitudinalibus granulato-decussata, vix

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*) „Testa vix rimata, ovato-conica, solida, sulcis spiralibus regulariter exarata, sub lente tenuissime per longitudinem striatula, nitidiuscula, pallide fulva interdum rufo-maculata; spira conica, mucronata; anfr. 7—$8^1/_2$, planiusculi, sutura submarginata divisi, ultimus ventrosus, $^1/_2$ longitudinis aequans vel paulum superans, basi attenuatus, pone aperturam cristatus; apertura obliqua, oblonga; plicae parietales 2 : superior dentiformis, perobliqua, descendens, inferior extus breviter bifida, lamelliformis, transversa; plica columellaris mediocris, ascendens; perist. rectum, intus incrassatum, marginibus callo lato nitido junctis, dextro in medio bidentato, columellari sinuato, breviter reflexo. — Alt. 4—$6^3/_4$, diam. maj. $2^1/_2$—$3^1/_2$; apert. alt. $2^1/_2$—$3^1/_2$, lat. $1^1/_4$—2 mill.“ Conf. *Pl. mordax Dohrn.*

nitens, fusco-rubella; spira mucronata, apice acuminata; anfr. 8—8½ parum convexi, vix discreti, ultimus spira longior, basi attenuatus; apertura oblonga, denticulis 4 coarctata: 2 parietales quorum superus punctiformis; 1 columellaris, compressus; 1 saepe bituberculatus in peristomatis margine dextro; perist. rectum, crassum, marginibus callo concolore junctis, columellari mediocriter dilatato, patente. — Long. 9½, diam. 5½ mill. Apert. 5 mill. longa, 3 lata." (M.)

Plecotrema Siamensis Morelet Séries conch. IV. 1875. p. 273. t. 13. f. 6.

Habitat Siam (Bocourt).

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20. imperforata H. & A. Adams. I. 106. II. 81. — Ins. Negros Philippinarum.

21. Pl. hirsuta Garrett. †

„Testa imperforata, solida, cornea; spira acuta, convexo-conica, circa dimidium totius longitudinis formans; anfr. 8—9 (embryonales 2), plano-convexi, ultimus tumidus, transverse sulcatus; sulci profundi, liras interjacentes fere aequantes, 16—18 in anfr. ultimo, pilis brevibus curvatis muniti; sutura obsolete impressa; apertura subverticalis, angusta, contracta, quinquelobata, albida; perist. varice externo forti munitum, margine interiore labiatum, infra rotundatum, supra sinuosum, dentibus 2 tubercularibus validis in medio labii interioris munitum; columella expansa, plica compressa, obliqua munita; regio parietalis tenuiter callosa, bidentata: dente superiore parvo, tuberculari, denti labiali supero opposito, inferiore compresso, bifurcato, in aperturam intrante. — Long. 7, diam. 4,5 mill." (Garr. angl.)

Plecotrema hirsuta Garr. in Amer. journ. conch. VII. 1872. p. 219. t. 19. f. 1.
— — *Schmeltz* in Mus. God. cat. V. p. 87.

Habitat in insulis Viti.

§. 3.

22. Cubensis Pfr. (Coll. 11.) I. 107. II. 81. — Cardenas insulae Cuba.

§. 4.

23. Pl. marginalis (Auricula) Grateloup. †

„Testa imperforata, ovato-ventricosa, solida, laevigata; spira obtuse conica, apice mamillato; anfractibus 7 marginatis,

ultimo spira majore, carina laevi locum umbilici circumdante praedito; apertura obliqua, angusta, plicis 2 parietalibus (anteriore majore, subbipartita) et tertia columellari, lata, obtusa, coarctata; peristomate simplici; marginibus callo tenuissimo junctis; externo intus dilatato, unidentato. — Long. 5, diam. $3^1/_4$ mill.“ (T.)

Auricula marginalis Grat. Conch. Adour t. 11. f. 2.
Plecotrema marginalis Tourn. in Journ. Conch. XVIII. 1870. p. 356; XX 1872. p. 100. t. 4. f. 4 a—c.

Fossilis in provincia Aquitanica per marina miocenica deposita reperitur.

24. **Pl. Bourgeoisi Tournouer.** †

„Testa imperforata, ovato-ventricosa, solida, spiraliter sulcata, plicis longitudinalibus granulatis oblique decussata; spira subconvexo-conica, apice subacuto; anfractibus 6 vix discretis, ultimo spira majore, basi subtruncata, carina valida, granulata, locum umbilici circumdante eleganter ornato; apertura obliqua, angusta, plicis 2 parietalibus obliquis et tertia columellari descendente coarctata; peristomate simplici, marginibus callo crasso junctis, externo incrassato, bidentato. — Long. $3^1/_2$, diam. maj. vix 2 mill.“ (T.)

Plecotrema Bourgeoisi Tourn. in Journ. Conch. XVIII. 1870. p. 356; XX. 1872. p. 104. t. 4. f. 6 a—c.

Fossilis in provincia Turonica.

25. **Pl. Blesensis Tournouer.** †

„T. imperforata, ovato-conica, solida, laevi; spira producta, apice subacuto; anfractibus 7 marginatis; ultimo spira vix majore; apertura obliqua, subobliqua, dentibus 2 parietalibus obliquis, subaequalibus, et tertio columellari descendente coarctata; peristomate simplici, crasso; marginibus callo junctis; margine externo medio incrassato et subbidentato. — Long. 4, diam. maj. vix 3 mill.“ (T.)

Plecotrema Blesensis Tourn. in Journ. Conch. XVIII. 1870. p. 357; XX. 1872. p. 105. t. 4. f. 7.

Fossilis in provincia Turonica.

26. **Pl. Delaunayi Tournouer.** †

„Testa imperforata, ovato-subacuta, solida, spiraliter sulcata; spira subconvexo-conica; anfractibus 6 sutura simplici

discretis, ultimo spira majore; apertura obliqua, subangusta, dentibus 2 parietalibus obliquis, subaequalibus, et tertio columellari descendente coarctata; peristomate simplici, crasso; marginibus callo junctis; margine externo medio incrassato, subunidentato. — Long. $3^1/_2$, diam. maj. $2^1/_2$ mill." (T.)

Plecotrema Delaunayi Tourn. in Journ. Conch. XVIII. 1870. p. 357; XX. 1872. p. 106. t. 4. f. 8.

Fossilis in provincia Turonica.

27. Pl. callibasis (Auricula) DesMoulins. †

„Testa minima, imperforata, ovato-ventricosa, solida, subtilissime reticulata; spira conica, apice subacuto; anfractibus 8—9 subplanis, lente crescentibus, sutura profunde marginata separatis; ultimo anfractu spiram vix aequante; basi truncata, eleganter carinata, sulcis concentricis atque striis subtilissimis in axim columellarem prominentem convergentibus ornata. Apertura obliqua, angusta, coarctata, quinquedentata; columella crassa, reflexa, biplicata (plica posteriore bifida), cum uno dente parietali minore adnato; labro simplici, incrassato, bidentato. — Long. $4^1/_2$, diam. $2^1/_2$ mill." (T.)

Auricula callibasis DesMoulins mss. 1841.

Plecotrema callibasis DesMoul. mss.; *Tourn.* in Journ. Conch. XIX. 1871. p. 361; XX. 1872. p. 102. t. 4. f. 5 a—c.

Fossilis prope Burdigalam per deposita miocenica mediana.

Quid?

Plecotrema Anaaensis „*Mouss.*" *Pätel* Cat. p. 144. — Ins. Anaa. — An = *Laimodonta Anaaensis Mouss.?* (Vid. Melampus Nr. 86.)

VIII. Cassidula Férussac.

Pfr. Mon. Auric. p. 108; Auric. Brit. Mus. p. 82. — *Pätel* Catal. 1873. p. 16. 114. — *Cassidulus Berth.* — *Rhodostoma Swains.* — *Sidula Gray.*

Conspectus specierum.

A. Abnormes, carina basali indistincta	§. 1.	Nr.	1— 2.
B. Carina basali distincta	§. 2.	—	3—24.
C. Species minus cognitae	§. 3.	—	25—26.
D. Species fossilis	§. 4.	—	27.

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§. 1.

1. Gruneri Pfr. (Coll. 1.) I. 109. II. 83. — *Issel* Moll. Born. p. 60. — Borneo.
2. doliolum (Auricula) Petit. (Coll. 2.) I. 109. II. 83. — *Pätel* Cat. p. 114. — Ins. Luzon; var. Sydney Australiae.

§. 2.

3. C. parva H. Adams. †

„C. testa subperforata, ovato-conica, solidula, spiraliter confertim costulata (prope suturam costulis majoribus), longitudinaliter minute striata, sordide alba; spira conica, apice mucronata; anfr. 6, convexiusculis, ultimo basi attenuato, antice crista obtusa munito; apertura subobliqua, ovali; plica parietali 1, compressa, subtransversa, nodulo supero obsoleto; plica columellari paulo minore, illi parallela; perist. simplici, margine dextro vix expansiusculo, intus medio unidentato, columellari calloso, dilatato. — Long. 4, diam. $2^1/_2$ mill.; apert. 2 mill. longa." (A.)

Cassidula parva H. Adams in Proc. Zool. Soc. 1867. p. 306. t. 19. f. 14.

Habitat „Port Louis Harbour" insulae Mauritii (G. Nevill).

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4. zonata H. & A. Adams. (Coll. 3.) I. 110. II. 84. — *Pätel* Cat. p. 115. — *Schmeltz* in Mus. God. cat. V. p. 88. — Sydney Australiae, Port. Mackay.

5. C. flaveola Martens. †

„Testa imperforata, ovato-fusiformis, sulcis spiralibus confertis exarata, luteo-brunnea; spira conica, sat elongata; anfr. 7, convexiusculi, ultimus supra et infra aequaliter attenuatus, carina basali crassa, albida; apertura vix obliqua, oblongo-ovata; plica parietalis superior brevis, fere perpendicularis, inferior transversa, intrans; plica columellaris valida, transversa, usque

in marginem peristomatis producta; margo externus duplicatus rufobrunneus, intus unidentatus. — Long. 10, diam. 5, apert. alt. 6 mill.“ (v. M.)

Cassidula flaveola Mart. in Monatsber. Berl. Ak. 16 Jan. 1865. p. 54.

Habitat in ins. Ceram.

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6. faba (Auricula) Menke. I. 110. II. 84. — *Pätel* Cat. p. 114. — Ins. Java.
7. Sowerbyana (Auricula) Pfr. (Coll. 4.) I. 111. II. 85. — *Pätel* Cat. p. 114. — *Cassidula decussata H. & A. Adams*? — Singapore, Moreton Bay.
8. Bensoni Pfr. I. 111. II. 85. — Singapore.
9. labrella (Auricula) Desh. † I. 112. II. 86. — *Jickeli* Afr. Moll. p. 186 *). — *Auricula fabula Fér.?* — *Cassidulus labrella Beck.* — *Conovulus labrella Küst.* — *Rhodostoma fabula Swains.* — Isle de France.
10. Kraussi (Auricula) Küst. (Coll. 5.) I. 113. II. 86. — *Pätel* Cat. p. 114. — Conf. praeced. — Natal.
11. lutescens Pfr. (Coll. 6.) I. 113. II. 87. — Habitat? (= *labrella Desh.?* ex Jickeli.)
12. sulculosa (Auricula) Mouss. (Coll. 7.) I. 114. II. 87. — *Pätel* Cat. p. 115. — Java, ins. Philippin.

13. C. crassiuscula Mousson. †

„T. imperforata, late ovata, crassissima, striata, spiraliter late sulcata, interstitiis planis, plerumque subdetrita, fusco vel violaceo-grisea, concolor. Spira breviter conica, regularis; summo subacuto, saepe detrito; sutura marginata. Anfr. 7 planiusculi, vix discreti, quinquesulcati; ultimus $^3/_4$ altitudinis superans, paulo inflatus, superne rotundato-angustatus, in basin attenuatus, carina alba, periomphalum parvum callosum includente, oblique praeditus. Apertura subverticalis (10^0 cum axi), elongata, medio coarctata, fuscula. Plicae parietales 2, supera

*) „Testa subrimata, fusiformis, solidula, nitidula, per longitudinem sub lente striatula, interdum spiraliter impresse striata, nigro-fusca; spira brevis, conoidea, apice acuto; anfr. 8—9, planiusculi, sutura simplice sub lente duplicata divisi, supremi confertim spiraliter striati, ultimus $^3/_5$ longitudinis aequans, ventrosus, superne zonula pallida ornatus, basi attenuatus, circa umbilicum carina elevata munitus; apertura subverticalis, elongata, basi rotundata, superne acutangula; paries aperturalis interdum superne tuberculo obsoleto, prope columellam plica compressa vix descendente munitus; plica columellaris simplex, subascendens; perist. pallide fuscum, extus turgidum, marginibus callo tenuissimo junctis, dextro intus crista longitudinali superne excisa munito, columellari perdilatato, patente. — Alt. $8^3/_4$—12, diam. maj. $5^1/_2$—$7^1/_2$, min. $4^3/_4$—6; apert. alt. $5^1/_4$—8, lat. $3^2/_5$—4 mill. — Tau-el-Hud, Massaua, Schech Said.“ — Auctor *C. Kraussi Küst.* et *lutescentem Pfr.* ejusdem speciei synonyma declarat.

nodulata, evanescens; infera mediana valida, horizontalis, non protracta; plica columellaris minor, subobliqua, in labiationem basalem transiens. Perist. valde incrassatum; margine dextro reflexo, crasso, albo marginato, antrorsum cristato, intus crasse labiato, supra sinuatim stricto, de tertia parte dente valido elongato, in basin demisso praedito; columellari expanso, patente, insertione denti apposita. — Long. 15,5; diam. 10,8 mill. — Rat. anfr. 5:2; rat. apert. 12:5.

β. Vitiensis Mouss.: spira paulo elevata ($^1/_3$ altitudinis), minus inflata, indistincte angulata; carina infera insigne filosa, rimam impressam circumdante.“ (M.)

Cassidula crassiuscula Mouss. in Journ. Conch. XVII. 1869. p. 343. t. 15. f. 1.
— — *Pätel* Catal. p. 114.
— — *Schmeltz* in Mus. Godeffr. cat. V. p. 88.
— *nucleus Gass.* Faun. Caléd. (Schmeltz.)
Auricula (Cassidula) crassiuscula Mouss. in Journ. Conch. XVIII. 1870. p. 131; XIX. 1871. p. 191.

Habitat in insula Upolu satis frequens, var. in ins. Viti-Levu (Gräffe).

Obs. Peraffinis *C. sulculosae Mouss.*, sed magis inflata, spira breviore, apertura altiore, sulcis remotioribus, area umbilicari angustiore, etc. discrepans.

14. C. intuscarinata (Auricula) Mousson. †

„T. obtecte rimata, late ovata, striata, spiraliter late sulcata, interstitiis planis, hepatica. Spira breviter conica, regularis, summo vix prominulo (saepe detrito); sutura lineari, pallide marginata. Anfr. $7^1/_2$, vix sejuncti, plani, 4- vel 5-sulcati; ultimus paulo inflatus, supra obtuse angulatus, acute sulcatus, inferne attenuatus et filocarinatus. Apertura subverticalis (6° cum axi), $^3/_4$ altit. paulo superans, intus coarctata, hepatica. Plicae parietales 2, supera parvula, brevis, obliqua; altera infra-mediana, acuta, horizontalis, carinam umbilicarem, in apertura bene perspicuam oblique secans; plica columellaris minor, perobliqua. Perist. incrassatum, reflexiusculum; margine dextro extus acuto, intus calloso, angulum anfractus ultimi vix superante, supra longe sinuato, de tertia parte dente elongato, infra attenuato munito; columellari late reflexo, patente, tenui, ad carinam inserto. — Alt. 18, diam. 12 mill. — Rat. anfr. 7:4. — Rat. anfr. 3:1.“ (M.)

Auricula intuscarinata (Cassidula) Mouss. in Journ. Conch. XVIII. 1870. p. 132. t. 7. f. 9.
Cassidula intuscarinata Schmeltz in Mus. God. cat. V. p. 88.

Habitat in insula Viti-Levu Archipelagi Feejee (Gräffe).

15. turgida Pfr. (Coll. 8.) I. 115. II. 88. — Ins. Negros Philippinarum; var. Singapore.
16. nucleus (Limax) Martyn. (Coll. 9.) I. 115. II. 88. — *H. Nevill* Enum. Helic. etc. Ceyl. 1871. p. 4. — *Morelet* in Ann. Mus. Genov. III. 1872. p. 206 (Mare Rubrum); Sér. conch. IV. p. 272 (Siam). — *Pätel* Cat. p. 114. — *Jickeli* Afr. Moll. p. 183. t. 2. f. 10. — *Helix nucleus Gmel.* — *Auricula nucleus Fér.*, *Gassies* Faun. Nouv. Caléd. p. 71. t. 3. f. 9. (? Conf. *C. crassiuscula Mouss.*) — *Auricula cassis Küst.* — *Cassidulus nucleus Beck.* — *Rhodostoma nucleus Swains.* — Var. β: *Auricula vespertilionis Less.* — Otaheite, Manila, Singapore, Ceylon; var. β Nova Hibernia.
17. mustelina (Auricula) Desh. (Coll. 10.) I. 116. II. 89. — *Pätel* Cat. p. 114. — *Issel* Moll. Born. p. 60. — *Tappar.-Canefri* Malac. viaggio Mag. 1874. p. 106. — *Cassidulus mustelae Beck.* — *Cassidula mustelae Mörch.* — *Auricula rhodostoma Hombr. & Jacq.* — *Auricula mustelina Gassies* Faun. Nouv. Caléd. p. 71. t. 3. f. 10. — Nova Seelandia, Singapore, Pulo Penang.
18. auris felis (Bulimus) Brug. (Coll. 11.) I. 117. II. 90. — *Pätel* Cat. p. 114. — *Morelet* Sér. conch. IV. p. 272: Cochinchina. — *Voluta coffea Chemn.* — *Ellobium inflammatum Bolt.* — *Auricula auris felis Blainv.*, *felis Fér.*, *nucleus Küst.*, *fusca Hombr. & Jacq.* — *Cassidulus felis* et *Chemnitzii Beck.* — *Cassidula felis Ant.*, *Issel* Moll. Born. p. 59. — *Cassidula inflamata Mörch.* — *Cassidula coffea H. & A. Adams*, *Tappar.-Canefri* Malac. viaggio Mag. p. 106. — *Sidula felis Catti Gray.* — *Rhodostoma coffea Swains.* — Manila, Singapore.

19. **C. multiplicata Martens.** †

„Testa imperforata, ovato-oblonga, solida, striatula et sulcis spiralibus confertis superficialibus sculpta, hepatico-fusca; spira conoidea, obtusa, sutura luteo-fasciata; anfr. 8, ultimus supra rotundatus, infra sensim attenuatus, carina basali distincta; apertura oblonga, $^2/_3$ longitudinis totius testae superans; plica parietalis superior elongata, subperpendicularis, inferior obliqua; plica columellaris valida, extrorsum tri- vel quadri-partita; peristoma incrassatum, subrectum, hepatico-fuscum, margine basali et externi parte inferiore dilatatis, hac extus inflexa, intus bituberculata. — Long. 21, diam. 13, apert. alt. $15^1/_2$ mill.“ (v. M.)

Cassidula multiplicata Martens in Monatsber. Berl. Ak. 16 Jan. 1865. p. 54.

Habitat in insula Banka.

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20. angulifera (Auricula) Petit. (Coll. 12.) I. 119. II. 91. — *Pätel* Cat. p. 114. — *Tappar.-Canefri* Malac. viaggio Mag. p. 107. — *Schmeltz* in Mus. God. cat. V. p. 88. — *Auricula subrepta Hombr. & Jacq.*, *angulata Forb.* — *Melampus anguliferus Chenu.* — Nova Hollandia, Queensland.
21. rugata (Auricula) Menke. (Coll. 13.) I. 120. II. 91. — *Pätel* Cat. p. 114. — Var.: *Schmeltz* in Mus. God. cat. V. p. 88. — *Auricula coelata Hombr. & Jacq.*, *rugulata Forb.* — Nova Hollandia; var. Queensland.

22. rugulata (Auricula) Hombr. & Jacq. (Coll. 14.) I. 121. II. 92. — *Auricula regulata Rouss.* — Ins. Arrow.

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23. C. pilosa Gassies. †

„Testa imperforata, ovato-conica, solida, transversim et longitudinaliter striata et regulariter sulcata; castanea, haud nitens; sub epidermide tenui, concolor, vel villosa, ad suturam pilis elevatis; spira mediocris, conica; anfractus 5, ultimus $^2/_3$ longitudinis aequans, primus superne erosus; apice obtuse truncato; sutura impressa, inferne circumsulcata, integra; apertura anguste ovalis, superne angulata, inferne rotundata, intus violacea; plicae parietales 2, supera parvula, fere horizontalis, altera major, oblique intrans; plica columellaris plus minusve ascendens; peristoma incrassatum, margine dextro extus turgido, intus supra medium dente valido, acuto munito; margine columellari dilatato, subpatente. — Diam. maj. $4^1/_2$, alt. $6^1/_2$ mill." (G.)

Cassidula pilosa Gass. in Journ. Conch. XXII. 1874. p. 209.

Habitat Conception prope Noumea Novae Caledoniae (Lambert).

24. C. truncata Gassies. †

„Testa subrimata, ovato-elongatula, solida, longitudinaliter striata, arcuatim sulcata, intus sulcis punctata; castaneo-nitida, epidermide luteo-fusca, nitida, vel decorticata; spira ovato-elongatula, truncata; anfractibus $3^1/_2$—4 vix convexi, ultimus $^2/_3$ longitudinis aequans, superi truncati; sutura depressa, lutea, inferne circumsulcata, integra; apertura anguste elongata, superne angulata, inferne vix rotundata; intus obscure violacea; plicae parietales 2, supera parvula, descendens, altera major, oblique intrans; plica columellaris plus minusve ascendens; peristoma incrassatum, calloso-reflexum, margine dextro extus turgido, intus supra medium dente valido, acuto munito; margine columellari dilatato, subpatente, extus carinato. — Diam. maj. 7, alt. 8—11 mill." (G.)

Cassidula truncata Gass. in Journ. Conch. XXII. 1874. p. 210.

Habitat „Baie du Sud" Novae Caledoniae (Lambert).

Obs. „Affinis *C. balteatae Gass.*"

§. 3.

25. mioxi (Auricula) Lesson. † I. 122. II. 92. — *Melampus myoxi Beck.* — Nova Hibernia.

26. Kjaerulfiana (Cassidulus) Beck. † I. 123. II. 93. — Ins. Philippin.

§. 4.

27. umbilicata (Auricula) Desh. in Encycl. méth. II. p. 89. n. 4 et in Lam. Hist. VIII. p. 348. n. 12 *). — *Dujardin* 1837. Mém. soc. géol. IV. p. 276. t. 19. f. 20. — *Cassidula umbilicata Tournouer* in Journ. Conch. XX. 1872. p. 99. t. 4. f. 3 a. b.

Species quarum descriptiones uon vidi.

Cassidula balteata Gassies Faune Nouv. Caléd. II. 1871.
— *paludosa „Garr.“ Pätel* Cat. p. 114. — Ins. Viti. — Conf. *Melampus paludosus Garr.* Nr. 111.

IX. Auriculus Montfort.

Auricula Lam. **) ex parte. — *Pfr.* Mon. Auric. p. 123; Auric. Brit. Mus. p. 93. — *Pätel* Catal. 1873. p. 16. 115. — *Geovula Swains.* — *Ellobium H. & A. Adams* et *Sarnia* (subgenus Cassidulae) *H. & A. Adams.*

Conspectus specierum.

A.	Genuinae (*Marsyas Oken*) . . .	§. 1.	Nr.	1—34.
B.	Subgenus *Siona H. & A. Adams* .	§. 2.	—	35—37.
C.	Species fossiles	§. 3.	—	38—44.

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*) A. testa ovato-conica, turgidula; spira conica, acuta, anfractibus convexis, marginatis; umbilico infundibuliformi, angulo basi separato; apertura angusta, labro crasso, columella triplicata. — Speciminum majorum long. 15, lat. 8 mill. — Touraine.“ — Auctor speciem Auriculae felis affinem declarat.

**) Nomen Lamarckianum omnina rejiciendum. Etenim Auricula Lam. (genus Colimaceorum!) praeter genera totius familiae Auriculaceorum etiam Bulimos et Chilinam complectitur. — Neque pro genere nostro ex iisdem rationibus nomen Ellobium Bolt. exemplo fratrum H. & A. Adams admittere congruum videtur. Nomen Montfortianum antiquissimum est inter ea quae typum restrictum generis indicant.

§. 1.

1. auris Midae (Bulla) Linn. (Coll. 1.) I. 124. II. 94. — *Voluta auris Midae Linn.* — *Helix auris Midae Müll.* — *Bulimus auris Midae Brug.* — *Ellobium Midae, Ceramense* et *tumidum Bolt.*, *auris Midae H. & A. Adams.* — *Auricula Midae Lam.*, *auris Midae Blainv.*, *Pätel* Cat. p. 115. — *Marsyas auris Midae Oken.* — *Geovula Midae Swains.* — Molucc., Nova Guinea, Malacca.
2. ? auris Malchi (Helix) Müll. † I. 126. II. 95. — *Voluta auris Malchi Gmel.* — *Bulimus auris Malchi Brug.* — *Ellobium australe Bolt.*, *auris Malchi H. & A. Adams.* — *Auriculus Judae Montf.* — *Pupa auris Malachi Gray.* — *Auricula Malchi Beck.* — Habitat? (Brasilia: Fér.) — An = seq.?
3. subnodosus (Auricula) Metcalfe. (Coll. 2.) I. 127. II. 96. — *Pätel* Cat. p. 115. — *Ellobium subnodosum H. & A. Adams.* — *Auricula Malchi Issel* Moll. Born. p. 57. — Borneo.
4. Scheepmakeri Petit. I. 128. II. 96. — *Ellobium Scheepmakeri H. & A. Adams.* — Sumatra.
5. Mörchi Menke. I. 128. II. 97. — *Pätel* Cat. p. 115. — *Ellobium Mörchi H. & A. Adams.* — Java?
6. turritus Pfr. I. 129. II. 97. — *Ellobium turritum H. & A. Adams.* — Ins. Philippin.
7. dactylus Pfr. I. 129. II. 98. — *Ellobium dactylus H. & A. Adams.* — Borneo. (In *Issel* Moll. Born. non commemorata species.)
8. auris Judae (Bulla) Linn. (Coll. 3.) I. 130. II. 98. — *Martens* in Malak. Bl. X. 1863. p. 136. — *W. T. Blanford* Contrib. to Ind. Malac. VIII. 1866. p. 13. — *Pätel* Cat. p. 115. — *Tappar.-Canefri* Malac. viaggio Mag. p. 104. — *Morelet* Sér. conch. IV. p. 270: Cochinchina. — *Voluta auris Judae Linn.* — *Helix auris Judae Müll.* — *Bulimus auris Judae Brug.* — *Ellobium labrosum* et *subtile Bolt.*, *auris Judae H. & A. Adams.* — *Auricula reticulata Schum.*, *Judae Lam.*, *Simii Fér.*, *tridentata Mörch?* — Varr.: *Voluta auris Midae Schröt.* — *Auricula reticulata Ant.* — Molucc., ins. Philippin., Australia.

9. A. australianus (Auricula) Tapparone-Canefri. †

„Aur. testa subrimata, oblonga, solida, crebre longitudinaliter rugata, spiraliter lirata et granulata, sub epidermide castanea alba; spira conica, acutiuscula, parum detrita; suturae irregulares; anfractus 8—8½ vix convexiusculi, ultimus descendens, superne subangulatus, ⅔ longitudinis aequans; apertura verticalis coarctata superne acuminata, plicis 3 coarctata, supera nodiformi obtusa, altera valida, adscendente, depressa, plica columellari subtorta, subverticali ad basim producta; peristoma crassiusculum, marginibus callo tenui junctis, dextro superne sinuato, intus callo elevato incrassato. — Long. 0^m,041—0,053; lat. 0^m,015—0,019. Apert. long. 0^m,023—0,031; lat. int. medio 0,005½." (T. C.)

Auricula australiana Tapp.-Canefri Malac. del viaggio della fregata Magenta 1874. p. 105. t. 2. f. 10.

Habitat in Australia.

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10. **ponderosus** (Auricula) Fér. † I. 131. II. 100. — Ins. Philippin.?

11. **politus** (Auricula) Metcalfe. (Coll. 4.) I. 132. II. 100. — *Issel* Moll. Born. p. 59 cum var. *elata* *). — *Ellobium politum H. & A. Adams.* — Borneo.

12. **chinensis** (Auricula) Pfr. I. 132. II. 100. — *Ellobium chinense H. & A. Adams.* — China.

13. **Gangeticus** (Auricula) Bens. (Coll. 5.) I. 135. II. 102. — *Pätel* Cat. p. 115. — *Ellobium Gangeticum H. & A. Adams.* — Var.: *Auricula nitidula W. T. Blanford* in Journ. As. Soc. Beng. XXXVI. 1866. Pt. 2. p. 64 **). t. 13. f. 5. 6 (Contrib. to Ind. Malac. VIII. p. 14) teste Auctore ipso in Contrib. to Ind. Malac. X. 1869. p. 143. — Calcutta; var. „Irawady delta" Pegu.

14. **stagnalis** (Auricula) Orb. (Coll. 6.) I. 133. II. 101. — Long. $28^1/_2$, diam. 11 mill. — *Pätel* Cat. p. 115. — *Auricula granulina Mühlf., papillifera Küst.* — *Ellobium granulinum* et *stagnale H. & A. Adams.* — Columbia, Tumaco, Panama.

15. A. helvaceus Philippi.

T. imperforata, oblonga, solidiuscula, longitudinaliter striata, striis spiralibus irregularibus minute granuloso-decussata, epidermide pallide straminea obducta; spira convexo-conica, obtusula, erosa; sutura parum impressa, hinc inde sublacera; anfr. sub-6 parum convexi, ultimus $^2/_3$ longitudinis formans, basi subattenuatus; apertura verticalis, acuminato-semiovalis, intus margaritaceo-alba; paries aperturalis plica compressa, oblique ascendente et nodulo obsoleto supra eam munitus; plica columellaris torta, parum prominens; perist. acutum, marginibus callo tenuissimo junctis, dextro superne subsinuato, intus subcalloso, columellari dilatato, plano, reflexo. — Long. $22^1/_2$, diam. 11 mill. Apert. c. perist. $15^1/_2$ mill. longa, medio 5 lata. (Coll. Nr. 7.)

Auricula helvacea Philippi mss. in Mus. Cuming.
— — *Pätel* Catal. p. 115.
— — *Schmeltz* in Mus. God. cat. V. p. 88.
— *stagnalis β Pfr.* Mon. Auricul. p. 133.

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*) „Testa magis elongata, crassa; spira elevata, convexo-conica; apertura angusta. — Long. 47, diam. maj. 20, min. 17; apert. long. perist. incluso 30, lat. perist. incl. 15, excl. 5 mill."

**) Testa non rimata, subfusiformi-oblonga, solida, nitidula, sub epidermide olivacea alba, lineis impressis confertis verticalibus minutissime rugata, aliis spiralibus granulato-decussata, sculptura infra suturam magis impressa. Spira conoidea, sutura impressa. Anfr. 5 convexi, ultimus vix descendens, $^2/_3$ longitudinis subaequans, basi rotundatus. Apertura verticalis, plicae parietales 2, supera parva, profunda, alia obliqua, plica columellaris haud valida, diagonalis; perist. crassum, marginibus callo tenui junctis, dextro superne vix sinuato, intus callo elevato incrassato. — Long. 28, diam. $12^1/_2$ mill. Apert. c. perist. 19 mill. longa, intus 5 lata." (Bl.)

Ellobium helvaceum H. & A. Adams in Proc. Zool. Soc. 1854. p. 8.

Habitat Malacca; Queensland (Schmeltz).

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16. auricella (Auricula) Fér. † I. 134. II. 101. — *Bulimus auricula Brug.* — *Tornatella auricula Lam.* — *Auricula aurilacea Quoy & Gaim.* — *Leuconia auricella H. & A. Adams.* — Guam, Australia?
17. incrassatus (Ellobium) H. & A. Adams. I. 135. II. 102. — Ins. Philippin. — An = praeced.?
18. pallidus (Auricula) Sow. † I. 135. II. 103. — *Auricula pygmaea Beck.* — *Ellobium pallidum H. & A. Adams.* — Columbia.
19. tornatelliformis (Auricula) Petit. (Coll. 8.) I. 136. II. 103. — *Ellobium tornatelliforme H. & A. Adams.* — Ins. Negros Philippinarum.
20. semisculptus (Ellobium) H. & A. Adams. I. 136. II. 104. — *Gassies* Faun. Nouv. Caléd. p. 70. t. 3. f. 11. — *Schmeltz* in Mus. God. cat. V. p. 88: Yap, Huahine. — Ins. Gambier; ins. Pinuum Novae Caledoniae (Montrouzier).
21. pellucens (Auricula) Menke. (Coll. 9.) I. 137. II. 104. — *Pätel* Cat. p. 115. — *Bland* in Ann. Lyc. N.York XI. 1874. p. 87. — *Auricula Dominicensis Fér.?, Ceylanica H. Nevill* Enum. Helic. etc. Ceyl. 1871. p. 4. — *Conorulus pellucens Voigt.* — *Ellobium Ceylanicum* et *pellucens H. & A. Adams.* — Natal, Ceylon, Florida, Demerary?

22. A. ? radiolatus (Melampus) Morelet. †

„T. fusiformi-ovata, tenera, vix striatula, nitida, pellucida, corneo-lutescens, strigisque pallidioribus longitudinaliter radiata; spira conica, brevis, saepe erosa; sutura submarginata; anfr. 6 vix convexiusculi, ultimus ad basim sensim attenuatus; apertura verticalis, angusta; plica parietalis prope columellam breviter ascendens; columellaris torta subverticalis; peristoma simplex, acutum, margine dextro medio subdilatato, columellari calloso. — Long. 11, diam. 5; longit. apert. $7^1/_2$ mill.“ (M.)

Melampus radiolatus Morelet Sér. conch. II. 1860. p. 93. t. 6. f. 11.

Habitat Zanzibar.

23. A. Binneyanus Gassies. †

„Testa imperforata, elliptico-ovata, solida, nitida, longitudinaliter rugoso-striatula, lutea, immaculata; spira convexo-conica, acuta; sutura appressa, vix canaliculata, vix lacerata; anfractus 8—9 planiusculi, ultimus $^2/_3$ longitudinis subaequans; apice integro, acuto, corneo-pallido, nitido; apertura verticalis, anguste ovalis; columella truncata, calloso-incrassata, alba; plica parietali, horizontali, majore, plica prope columellam

mediocri, ascendente; peristoma acutum, margine dextro intus leviter albo-labiato. — Long. 11, diam. maj. 5 mill. Apert. 7 mill. longa, $2^1/_2$ lata." (G.)

Auricula Binneyana Gassies in Journ. Conch. XVII. 1869. p. 74.

Habitat in insula Art Novae Caledoniae (Montrouzier).

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24. simplex (Ellobium) H. & A. Adams. I. 138. II. 104. — Habitat?
25. Dunkeri (Auricula) Pfr. (Coll. 10.) I. 138. II. 105. — *Issel* Moll. Born. p. 59. — *Ellobium Dunkeri H. & A. Adams.* — Borneo.
26. Oparicus (Ellobium) H. & A. Adams. I. 139. II. 105. — Ins. Opara.
27. semiplicatus (Ellobium) H. & A. Adams. I. 139. II. 106. — Singapore.
28. saccatus (Auricula) Pfr. (Coll. 11.) I. 140. II. 106. — *Ellobium saccatum H. & A. Adams.* — Manila.
29. elongatus (Auricula) Parr. (Coll. 12.) I. 140. II. 106. — *Morelet* Sér. conch. II. p. 93: ins. Mauritius. — *Mouss.* in Journ. Conch. XIX. 1871. p. 18: Uea ins. Tonga. — *Pätel* Cat. p. 115. — *Schmeltz* in Mus. God. cat. V. p. 88: Tahiti. — *Auricula Buddii Parr.* — *Ellobium elongatum H. & A. Adams.* — Ins. Sandwich et Feejee; varr.: ins. Philippin., Port. Curtis (Stutchbury).
30. subula (Auricula) Quoy & Gaim. (Coll. 13.) I. 141. II. 107. — *Gassies* Faun. Nouv. Caléd. p. 69. — *Pätel* Cat. p. 115. — *Jickeli* Afr. Moll. p. 173. — *Pythia subula Beck.* — *Ellobium subula H. & A. Adams.* — Nova Hibernia, Celebes, ins. Negros Philippinarum.
31. oryza (Ellobium) H. & A. Adams. I. 141. II. 108. (= *Melampus mucronatus Gould: Pease* in Journ. Conch. 1871. p. 93. Conf. supra p. 317.) — Ins. Anaa.
32. pusillus (Ellobium) H. & A. Adams. I. 142. II. 108. — Ins. Negros Philippinarum.

33. A. Gundlachi Gassies. †

„Testa minutissima, imperforata, nitida, subtilissime longitudinaliter et circum striatula, corneo-pallida, immaculata; spira conica; sutura linearis; anfractus 5—6 planiusculi, ultimus $^3/_4$ longitudinis subaequans, apice integro, mamillato; apertura verticalis, anguste ovalis, superne stricta, inferne dilatata; columella integra, plicata, rufescens, plica parietali majore, horizontali, alba, 2 plicis superioribus, ascendentibus mediocribus, plica prope columellam mediocri; peristoma callosum, margine dextro vix flexuoso, medio vix crasso, intus leviter corneo-pallido, lamella horizontali rufescente munito. — Long. 4, diam. $2^1/_2$ mill.; apert. 3 mill. longa, 1 lata." (G.)

Auricula Gundlachi Gassies in Journ. Conch. XVII. 1869. p. 75.

Habitat in insula Art Novae Caledoniae (Montrouzier).

34. A. Hanleyanus Gassies. †

„Testa minima, imperforata, nitida, circum sulcata, longitudinaliter striata, ad basin luteo-rufescens, rufo-unifasciata, superne luteo-brunnescens; spira conica, vix convexa; sutura appressa, linearis; anfractus 5—6 planiusculi, ultimus 2/3 longitudinis subaequans; apice integro, acuto, distincto, corneo-nitido; apertura verticalis, anguste ovalis, superne stricta, inferne dilatata; columella integra, plicata, brunnescens, plica parietali majore, horizontali, brunnescente; plica supera minore, ascendente, plica prope columellam mediocri; peristoma crassum, inferne vix patulum, ad columellam callositate junctum, margine dextro flexuoso, medio crasso, intus leviter nigro-brunnescente, lamella horizontali, alba, munito. — Long. 5—6, diam. maj. 3 mill.; apert. 4 mill. longa, ad basin 2 lata.“ (G.)

Auricula Hanleyana Gassies in Journ. Conch. XVII. 1869. p. 75.

Habitat in insula Art Novae Caledoniae (Montrouzier).

§. 2.

35. frumentum (Auricula) Petit. (Coll. 14.) I. 142. II. 108. — *Auricula avena Küst.* Auric. p. 48. t. 7. f. 17—19. — *Cassidula frumentum H. & A. Adams.* — Peruvia, ins. Marquesas.

36. avena (Auricula) Petit. (Coll. 15.) I. 143. II. 109. (Deleatur synonymum Küsteri.) — *Cassidula avena H. & A. Adams.* — *Melampus Bridgesi Carpenter* in Proc. Zool. Soc. 1856. p. 161 *)? — Valparaiso, Panama?

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37. A. ? pellucidus Cooper. †

„Testa minima, ovata, obtusa, albida, nitens; spira brevis; longitudinaliter et transverse subtiliter striata; labrum non reflexum; columella plicis 2 munita.“ (C. angl.)

Auricula pellucida Cooper Microsc. journ. 1841. p. 16. (*Gray* in Auric. Brit. Mus. p. 109.)

Conovulus pellucidus Coop. in Mus. Brit.

Melampus pellucidus H. & A. Adams, Pfr. Mon. Auric. p. 58.

Tralia pellucida H. & A. Adams.

Habitat Van-Diemen's Land.

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*) „M. testa parva, ovali, nigro-fusca, nitida; anfr. 8, sutura haud impressa, in spiram tenue spiraliter striulata; marginibus spirae regulariter excurvatis; apertura pyriformi, labro acuto, nec calloso nec dentato; columella triplicata; plicis, antica spirali, obliqua; media acuta, transversa, subparietali; postica parietali, parva. — Long. 0,28, long. spir. 0,08, lat. 0,12 poll. — Ora sinus Panamensis.“

§. 3.

38. Delocrei (Carychium) Mich. Descr. coq. foss. d'Hauterive p. 19. t. 5. f. 9. — *Auricula Delocrei Bourg.* in Rev. et Mag. Zool. 1859. p. 59.

39. A. Grateloupi Tournouer. †

„Testa ovato-acuta, solidula, imperforata, obsolete et oblique striata. Spira conica, apice acuto; anfractibus 8—9 subplanis, lente crescentibus, sutura submarginata discretis; ultimo anfractu spira majore, ovato-oblongo, antice attenuato; apertura elongato-angusta, antice attenuata; marginibus callo levissimo junctis; labro simplici, intus marginato, margine plano, sinuoso; columella crassa, biplicata (plica anteriore descendente), unico dente parietali adjuncto. — Long. 10, diam. 5 mill." (T.)

Auricula ovata Grat. 1838, non *Lam.*
— *Grateloupi Tourn.* in Journ. Conch. XIX. 1871. p. 360; XX. 1872. p. 95. t. 4. f. 1.

Fossilis prope Burdigalam, per marina miocenica deposita.

40. A. oblongus Deshayes. †

„Testa ovato-oblonga, solidissima, laevigata, imperforata; spira breviuscula, apice acuto; anfr. 6—7 planulati, rapide crescentes, sutura simplice juncti; ultimus caeteris multo major ante suturam compressus (in adultis), unde aperturae margo dexter sinuosus. Apertura magna, ovalis, elongata, antice rotundata, marginibus callo junctis, dextro crasso et undique tumore lato postice sinuato munito. Columella plicis 2 debilibus, parallelis, posteriore paulo fortiore, munita. — Long. max. 15, diam. 6—7 mill." (Tourn. gall.)

Auricula oblonga Desh. in Encycl. méth. II. p. 89 et in *Lam.* p. 347.
— — *Tournouer* in Journ. Conch. XX. 1872. p. 96. t. 4. f. 2a. b.

Fossilis in provincia Turonica.

41. A. Aquensis Tournouer. †

„Testa parva, laevi, solida, ovato-oblonga, imperforata; spira brevi; anfractibus 6 sutura simplice junctis, ultimo bis spiram aequante; apertura brevi, oblonga, dimidiam partem testae vix aequante, peristomate integro; margine interno biplicato, plicis obsoletis; externo crasso, flexuoso, intus inermi. — Long. 4, diam. $2^1/_2$ mill." (T.)

Auricula Aquensis Tourn. in Journ. Conch. XX. 1872. p. 98. t. 3. f. 10a. b.

Fossilis prope Dax.

42. A. ? Deshayesii Tournouer. †

„Testa elongata, subcylindracea, imperforata, laevigata; spira brevi, apice obtuso; anfractibus 6, prioribus angustis, caeteris rapide crescentibus, sutura simplici junctis, ultimo spira majore; apertura elongata, oblique inflexa, superne angulata et coarctata, antice subeffusa; plica una parietali valida, simplici; altera columellari attenuata; margine externo simplice, acuto. — Long. 6, diam. maj. $2^1/_2$ mill.“ (T.)

Auricula Deshayesii (Stolidoma?) Tourn. in Journ. Conch. XVIII. 1870. p. 358.

— — *Sandb.* Conch. d. Vorw. t. 26. f. 11.

Stolidoma Deshayesi Tourn. in Journ. Conch. XX. 1872. p. 80. t. 3. f. 1 a. b. c.

Fossilis in provincia Turonensi.

43. A. glandinus Böttger. †

„Differt a proxime affini *A. Deshayesi Tourn.* vertice acutiore, anfractu ultimo humiliore, anfractibus superne planioribus, peristomatis margine dextro magis incrassato, et praecipue plica superiore exacte in medio columellae posita.“ (B.)

Auricula glandina Böttg. in Ber. Senckenb. Ges. (1873—1874) 1875. p. 67.

Lecta prope Lörzweiler Hassiae Rhenanae.

Obs. „Inter species praesentis aevi *Auricula flava* ex India occidentali proxima videtur.“

44. A. ? Mayeri Tournouer. †

„Testa ovato-elongata, imperforata, laevigata; spira breviore, obtusa; anfractibus 4? rapidissime crescentibus, ultimo spiram ter aequante; apertura ovato-elongata, superne angulata; plica 1 parietali, valida, altera columellari minore; margine externo simplici, acuto. — Long. $4^1/_2$, diam. maj. $^1/_2$ mill.“ (T.)

Auricula Mayeri (Stolidoma?) Tourn. in Journ. Conch. XVIII. 1870. p. 358.

Stolidoma? Mayeri Tourn. in Journ. Conch. XX. 1872. p. 81. t. 3. f. 2.

Fossilis in provincia Turonensi.

X. Alexia Leach.

Pfr. Mon. Auric. p. 144; Auric. Brit. Mus. p. 110. — *W. G. Binney* Terr. Moll. Un. St. IV. 1859. p. 172; Land-

and freshw. sh. North-Am. II. 1865. p. 4: genus Auriculinarum. — *Paiva* Moll. Mader. p. 154. — *Kregl.* Verz. 1870. p. 239: genus Auriculeorum. — *Mouss.* Rev. faune Canar. p. 136: subgenus Auriculae. — *Pätel* Catal. 1873. p. 16. 115. — *Phytia* et *Ovatella Gray*. — *Myosotis Ziegl.*

Conspectus specierum.

A.	Labro distincte pluridentato . .	§. 1. Nr.	1— 3.
B.	— calloso, interdum subunidentato .	§. 2. —	4—18.
C.	Species fossiles	§. 3. —	19—21.

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§. 1.

1. denticulata (Voluta) Mont. (Coll. 1.) I. 145. II. 111. — *Pätel* Cat. p. 115. — *Turbo bidentatus Walk.* — *Voluta ringens* et *reflexa Turt.* — *Jaminea denticulata Brown.* — *Auricula myosotis α Fér.*, *tenella Menke*, *personata Pot. & Mich.*, *denticulata Küst.* — *Acteon denticulatus Flem.* — *Carychium personatum Mich.*, *denticulatum* (Ovatella) *Moq.-Tand.* Moll. France p. 415. t. 29. f. 27—29. — *Pythia denticulata Beck.* — *Conovulus denticulatus Gray.* — *Alexia personata H. & A. Adams.* — Littora maris Germanici et Mediterranei.

2. **A. vespertina (Auricula) Morelet.** †

„T. imperforata, rarius rimata, ovato-fusiformis vel fusiformi-oblonga, tenuis, vix striatula, pallide fulva; spira exserta, acuta, violacescens; anfr. 8 subplani, ultimus basi attenuatus, spiram aequans vel paulo superans; sutura impressa; apertura subverticalis, anguste semiovalis, plicis 4 contracta; 3 palatales, supera parvula, saepe deficiens, media callosa, forma pervariabilis, infera valida, compressa, intrans; 1 columellaris, oblique torta; peristoma rectum, acutum, simplex, margine dextro intus plus minusve denticulato, columellari dilatato, calloso, appresso. — Longit. 7—8, diam. 4 mill.“ (M.)

Auricula vespertina Morel. Moll. terr. Açor. p. 210. t. 5. f. 9.

Habitat in littore insulae Pico.

Obs. Species peraffinis *A. denticulatae Mont.*

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3. Botteriana (Auricula) Philippi. † I. 147. II. 112. — *Ellobium Boltenianum H. & A. Adams.* — Ins. Lesina Dalmatiae.

§. 2.

4. Payraudeaui (Auricula) Shuttl. (Coll. 2.) I. 147. II. 113. — *Kregl.* Verz. p. 239. — *Hidalgo* Cat. icon. p. 180: Baleares. — *Auricula myosotis Payr.?* — Corsica, Nizza, Tergestum.
5. Biasolettiana (Auricula) Küst. (Coll. 3.) I. 148. II. 113. — *Kregl.* Verz. p. 239. — *Auricula venetiensis Mühlf.*, *Veneta Mart.*, *myosotis De Betta & Martinati.* — *Voluta Pasithea Chier.* f. 557. 558 ined., *Brusina* Prin. malak. Jadr. p. 55; Ipsa Chiereghinii conch. p. 214. — Littora maris Mediterranei et Adriatici.

6. A. Loweana Pfr.

T. oblongo-fusiformis, tenuiuscula, striatula et subpunctata, castaneo-fusca; spira subconvexo-conica, vertice acutiusculo; sutura leviter marginata; anfr. 7—8 vix convexiusculi, ultimus spiram subaequans, basi parum attenuatus; apertura vix obliqua, semiovalis; dentes parietales 2, inferior lamellaeformis, alter nodiformis, superposito interdum tertio minuto; plica columellaris obliqua, compressa; perist. simplex, acutum, margine dextro intus tuberculis pluribus albis, marginem non attingentibus munito, columellari dilatato, adnato. — Long. 7, diam. fere 3 mill. Ap. 3½ mill. longa. (Coll. Nr. 4.)

Alexia Loweana Pfr. in Malak. Bl. XIII. 1866. p. 145.

— — *Paiva* Moll. Mader. p. 154.

Habitat ad rupes maritimas orae septentrionalis Maderae (De Paiva).

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7. myosotis (Auricula) Drap. (Coll. 5.) I. 148. II. 114. — *Binn.* Terr. Moll. IV. p. 172. t. 75. f. 33. t. 79. f. 16; Land- and freshw. sh. North-Am. II. p. 4. f. 2—4. — *Tryon* in Amer. journ. conch. IV. 1868. p. 6. t. 18. f. 1. 2. — *Pätel* Cat. p. 115. — *Hidalgo* Cat. icon. p. 180. — *Carychium myosotis Fér.*, (Phytia) *Moq.-Tand.* Moll. France p. 417. t. 29. f. 33—39. t. 30. f. 1—4. — *Phytia myosotis Gray.* — *Melampus borealis Conr.* in Amer. journ. sc. XXIII. 1833. p. 345, *turritus Say* mss. ex *Binn.*, *denticulatus Stimps.*, *myosotis Jeffr.* Brit. Conch. V. p. 107. — *Pythia myosotis Beck.* — *Auricula denticulata Gould.* — *Conovulus denticulatus var. Forb. & Hanl.*, *myosotis Issel* Moll. Pisa 1866. p. 24. — *Tralia myosotis Malzine* Faun. malac. Belg. p. 96. — Littora maris Mediterranei et Germanici, America borealis.

8. A. bicolor (Auricula) Morelet. †

„T. imperforata, rarius rimata, fusiformi-ovata, solidula, striatula, griseo-fulva; spira mucronata, fusco-violacea; anfr. 8 vix convexiusculi, ultimus basi attenuatus, spiram subaequans; sutura impressa, submarginata; apertura anguste semiovalis,

intus fuscidula, biplicata; plica parietalis infra medium compressa, transverse intrans; columellaris obliqua, torta; peristoma simplex, rectum, acutum, albidum, margine columellari dilatato, reflexo, saepius adnato. — Longit. 10, diam. $4^2/_3$ mill.“ (M.)

Auricula bicolor Morel. Moll. terr. Açor. p. 209. t. 5. f. 7.

— — *(Alexia) Mouss.* Rev. faune malac. Canar. p. 136.

Habitat in insula Pico; nec non Lanzarote.

Obs. „Ab *Auricula Vulcani*, cui primo aspectu similis, differt plica parietali unica, margine dextro non calloso, spira magis acuminata, etc.“

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9. ciliata (Auricula) Morelet. † I. 150. II. 115. — *Hidalgo* Cat. icon. p. 180. — Lusitania, Hispania.
10. dubia (Auricula) Cantr. † I. 150. II. 115. — *Myosotis brevis Ziegl.* — *Pythia dubia Beck.* — Dalmatia.
11. reflexilabris (Auricula) Orb. (Coll. 6.) I. 150. II. 115. — *Pätel* Cat. p. 115. — *Auricula myosotis Orb.* antea. — *Pythia reflexilabris Beck.* — Portus Callaoënsis prope Lima.

12. A. balearica Dohrn & Heynemann. †

„T. imperforata, ovato-conica, sublaevigata, solidula, picea; spira conica, acuta; sutura simplex; anfr. 7 convexi, ultimus spiram superans, basi rotundatus; apertura subverticalis, auriformis; plica palatalis 1 compressa, intrans, columellaris 1 callosa, torta; peristomii margo dexter supra medium rectus, acutus, tum expansiusculus, columellaris callosus; marginibus callo lato junctis. — Long. 7, diam. 3, ap. long. 4, lat. $1^3/_4$ mill.“ (D. & H.)

Alexia balearica Dohrn & Heynem. in Malak. Bl. IX. 1862. p. 110.

— — *Hidalgo* Catal. icon. p. 180.

Habitat in insulis Balearis, Mallorca.

Obs. „Proxime affinis *A. reflexilabri*, sed anfractibus multo convexioribus, apertura angustiore, peristomate etc., discrepans.

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13. microstoma (Auricula) Küst. I. 151. II. 116. — *Leuconia microstoma H. & A. Adams.* — Dalmatia.
14. obsoleta Pfr. (Coll. 7.) I. 151. II. 116. — *Pfr.* Novit. conch. III. fasc. XXVIII. p. 362. Nr. 486. t. 83. f. 18. 19. — *Kregl.* Verz. p. 240. — *Pätel* Cat. p. 115. — *Auricula myosotis Pfr.* 1841. — Tergestum.

15. A. Paivana Pfr.

T. imperforata, ovato-fusiformis, solida, rugoso-striata, cereo-albida; spira conica, vertice acuto; sutura levissima,

lacera; anfr. $5^1/_2$—6 plani, superi plerumque corrosi, ultimus spiram subaequans, convexior, basi rotundatus; apertura vix obliqua, acuminato-ovalis; dens parietalis unicus, compressus; plica columellaris minor, profunda, obliqua; perist. simplex, rectum, marginibus callo junctis, columellari dilatato, adnato. — Long. $6^1/_2$, diam. $3^1/_2$ mill. Ap. $3^2/_3$ mill. longa. (Coll. Nr. 8.)

Alexia Paivana Pfr. in Malak. Bl. XIII. 1866. p. 146; Novit. conch. III. fasc. XXVIII. p. 362. Nr. 487. t. 83. f. 20. 21.
— — *Paiva* Moll. Mader. p. 155.

Habitat in insulis Selvages (De Paiva).

Obs. Testa solida, sutura lacerata, colore etc. ad nonnullas Auriculi (sensu stricto) species accedens, habitu tamen reliquis Alexiis congrua.

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16. Bermudensis H. & A. Adams. (Coll. 9.) I. 152. II. 116. — *Pätel* Cat. p. 115. — Ins. Bermuda.
17. Kutschigiana (Auricula) Küst. † I. 152. II. 117. — *Kregl.* Verz. p. 240. — Tergestum?, Dalmatia.

18. A. Algerica Bourguignat. †

„Differt ab *A. myosotide Drap.* testa minore, minus gracili, prorsus imperforata, apertura relative longiore et angustiore, serie punctorum ciliarium suturae parallela, dente unico parietis aperturalis juxta plicam columellarem flexuosam, et colore saturate brunneo, fere nigro.“ (Mouss.)

Alexia Algerica Bourg. Malac. Alger. II. p. 141. t. 8. f. 27. 28.
Auricula Algerica (Alexia) *Mouss.* in Jahrb. malak. Ges. I. 1874. Nr. 2. p. 95.

Habitat in Algeria; Marocco (Fritsch).

§. 3.

19. ? pisolina (Auricula) Desh. in Encycl. méth. II. p. 90 et in Lam. hist. VIII. p. 347 *). — *Auricula ovicula Millet* Paléont. Maine-et Loire 1866. — *Alexia pisolina Tournouer* in Journ. Conch. XX. 1872. p. 93. t. 3. f. 9.
20. ? volutella (Auricula) Desh. Anim. sans vert. II. p. 774. t. 48. f. 4—6.
21. ? mucronata Böttg. in Ber. Senckenb. Ges. 1875. p. 67.

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*) „A. testa ovato-acuta, globulosa, laevigata; spira elongata, acuta; anfractibus convexis, sutura marginata separatis; apertura abbreviata, ovata; columella tridentata. — Long. 12, lat. 7 mill. — Touraine.“ — Quasi transitum ad Scarabos indicat Auctor.

Mihi ignota:

Alexia setigera Coop., *Pätel* Cat. p. 115. — California.

XI. Blauneria Shuttleworth.

Pfr. Mon. Auric. p. 153; Auric. Brit. Mus. p. 110. — *H. & A. Adams* Gen. rec. moll. p. 643: genus Melampinarum. — *W. G. Binney* Terr. Moll. Un. St. IV. 1859. p. 175 et in Land- and freshw. sh. North-Amer. II. 1865. p. 20. — *Pätel* Catal. 1873. p. 16. 115: genus Auriculeorum.

Species.

1. heteroclita Mont. (Coll. 1.) I. 153. II. 110 *(pellucida)*. — *Shuttl.* in Journ. Conch. V. 1856. p. 157. — *Pätel* Cat. p. 115. — *Voluta heteroclita Mont.* Suppl. p. 169; *Lask.* Wern. I. p. 398. t. 8. f. 12. — *Actaeon heteroclitus Flem.* Brit. anim. — *Auricula heteroclita Thorpe* Brit. mar. — *Achatina? pellucida Pfr.* olim. — *Tornatellina Cubensis Pfr.* Mon. Helic. II. p. 391. — *Tornatella heteroclita Forb. & Hanl.* Brit. moll. t. 3. f. 526. — *Blauneria pellucida Pfr., H. & A. Adams* Gen. II. pt. 35 (1858). p. 643. t. 138. f. 8. — *Binn.* Terr. Moll. IV. p. 175; Land- and freshw. sh. North-Am. II. p. 21. f. 22. — *Tryon* in Amer. journ. conch. IV. p. 10. t. 18. f. 13. — *Odostomia? Cubensis Poey.* — *Oleacina Cubensis* (Strobilus) *H. & A. Adams.* — Cuba, Portorico, Jamaica, Florida; littora Britanniae?

2. B. gracilis Pease. †

„Testa elongato-fusiformis, tenuis, cornea, fragilis, semipellucida; anfr. 7—8, plano-convexi, longitudinaliter oblique et subtiliter striati; sutura parum impressa; labrum tenue; labium columellare flexuosum; plica unica obliqua prope centrum, truncata; apertura oblongo-ovata, postice contracta.“ — Dimens.? (Ps. angl.)

Blauneria gracilis Harper Pease in Proc. Zool. Soc. 1860. p. 145*); 1869. p. 60.

— — *Mart. & Langk.* Don. Bism. 1871. p. 57. t. 3. f. 14.

Habitat in insulis Sandwich.

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*) „Shell elongate fusiform, thin, corneous, fragile, semipellucid. Whorls seven or eigth, flatly convex, finely longitudinally obliquely striated; suture faintly impressed, outer lip thin; columella-lip flexuous; one oblique plait near the centre, truncated; aperture oblong-ovate, contracted posteriorly.“

3. B. Leonardi Crosse. †

„T. sinistrorsa, oblongo-ovata, tenuissima, laevigata, hyalina; spira elongata, apice obtusulo; sutura leviter impressa; anfr. 6 plani, ultimus spiram subaequans; apertura subangusta, lanceolata; peristoma simplex, margine columellari brevi, subincrassato, basali et externo acutis; paries aperturalis prope columellam sat valide uniplicatus. — Long. $2^1/_4$, diam. maj. vix 1 mill.“ (C.)

Blauneria Leonardi Crosse in Journ. Conch. XX. 1872. p. 71. 357. t. 16. f. 4.

Habitat in vicinio civitatis Noumea Novae Caledoniae (Leonard).

Obs. „Species a *B. pellucida Pfr.* et *gracili Pease* bene distinguenda, multo minor et subovata, nec turrita.“

XII. Leuconia Gray.

Pfr. Mon. Auric. p. 154; Auric. Brit. Mus. p. 117. — *W. G. Binney* Terr. Moll. Un. St. IV. 1859. p. 177; Land- and freshw. sh. North-Am. II. 1865. p. 78: genus Melampinarum. — *Pätel* Catal. 1873. p. 16. 115: genus Auriculeorum.

Species.

1. bidentata Mont. (Coll. 1.) I. 154. II. 117. — *Pätel* Cat. p. 115. — *Voluta bidentata* et *alba Mont.* — *Jaminia bidentata Leach.* — *Auricula bidentata* et *alba Flem.*, *erosa Jeffr.* — *Conovulus bidentatus* et *albus Gray*, *bidens Gray.* — *Acteon bidentatus* et *Volvaria alba Flem.* — *Leuconia alba H. & A. Adams.* — Britannia.
2. Micheli (Auricula) Mittre. I. 156. II. 119. — Toulon Galliae.
3. Bivonae (Auricula) Philippi. (Coll. 2.) I. 156. II. 119. — *Pätel* Cat. p. 115. — *Ovatella bidentata Biv.* — *Auricula myosotis β Phil.* — Sicilia.

4. L. opportuna (Auricula) Gould. †

„T. parva, ellipsoidea, solida, livido-albida, laevis; anfr. 6 ad suturam imbricato-appressis. Apertura falcata, postice acutissima, antice rotundata; labio lamella compressa elevata mediana et lamella duplici anticali obliqua instructo; labro simplici. — Long. 8, diam. 4 mill.“ (G.)

Auricula opportuna (Leuconia) Gould in Proc. Bost. Soc. VII. Jul. 1859; Otia conch. p. 105.

Habitat in insulis Loo Choo.

5. occidentalis Pfr. (Coll. 3.) I. 157. II. 119. — Cuba.
6. ? Sayi (Auricula) Küst. † I. 157. II. 120. — *Binn.* Terr. Moll. Un. St. IV. p. 77. t. 75. f. 34 (ex Küst.); Land- and freshw. sh. North-Am. II. p. 19. f. 20. — *Tryon* in Amer. journ. conch. IV. p. 10. t. 18. f. 12. — Status Uniti.
7. succinea Pfr. (Coll. 4.) I. 157. II. 120. — Cuba.

Species fossiles.

8. Dujardini Tournouer. † Journ. Conch. XX. 1872. p. 83. t. 3. f. 3 a. b. — *Auricula acuta Dujard.* Mém. soc. géol. Fr. 1837.
9. subbiplicata Tournouer. † Journ. Conch. XX. 1872. p. 85. t. 3. f. 4. — *Auricula biplicata Grat.* 1838. Plic. t. 6. f. 4 (non 5). — *Auricula subbiplicata Orb.* 1827. Etage 26. B. 323.

XIII. Coilostele Benson.

„Testa imperforata, elongato-cylindrica; axis columellaris interna spirae obsoleta. Apertura semiovata; margine columellari superne subspiraliter uniplicato.“ (B.)

Coilostele (novum genus Auriculaceorum) *Bens.* in Ann. and Mag. n. h. 3d. ser. XIII. Febr. 1864. p. 136.

Species unica:

1. C. scalaris Benson. †

„C. testa imperforata, elongato-cylindrica, laevi, hyalina, nitida; spira elongata, gradatim scalariter attenuata, apice obtuso, sutura profunda; anfractibus 6, convexiusculis, superne obtuse angulatis, penultimo cylindraceo; apertura subobliqua, semiovata, subpyriformi; peristomate tenui, recto, marginibus remotis, margine columellari crassiusculo, plica spirali obliqua elongata superne intrante munito. — Long. 3, diam. vix 1 mill. Apert. $^2/_3$, lata $^1/_2$ mill.“ (B.)

Coilostele scalaris Bens. l. c. p. 136.

Habitat ad Humeerpore, Bundelkhund, prope ripas fluviorum Yumna et Betwa.

XIV. Carychium O. F. Müller.

Pfr. Mon. Auric. p. 158. 197; Auric. Brit. Mus. p. 120. — *Bourguignat* in Revue et Mag. Zool. 1857. p. 29. — *W. G. Binney* Terr. Moll. Un. St. IV. 1859. p. 178; Land- and freshw. sh. North-Am. II. 1865. p. 6: genus Auriculinorum. — *Schaufuss* in Cat. Pät. 1869. p. 16: genus Auriculinarum. — *Kregl.* Syst. Verz. 1870. p. 240. — *Kobelt* Catal. 1871. p. 53. — *Pätel* Catal. 1873. p. 16. 115: genus Auriculeorum. — *Lehm.* Schn. Stettin 1873. p. 175. — *Saraphia Risso.*

Exclusis quae ad genus *Zospeum Bourg.* inter Helicea (*Pfr.* Mon. Helic. VI. p. 338) referendae sunt, species nunc cognitae (sed ex parte valde dubiae) sunt sequentes.

Species.

1. minimum O. F. Müll. (Coll. 1.) I. 160. II. 122. — *Frauenfeld* Sitzungsber. Ak. Wien 1856. p. 13. — *Martens* in Malak. Bl. 1856. p. 96. — *Bourg.* in Revue et Mag. Zool. 1857. p. 211 (restrict.); 1859. ibid. p. 55. — Auricella *Moq.-Tand.* Moll. Fr. p. 413. t. 29. f. 15—26. — *Schrenck* Moll. Amurl. 1867. p. 655. — *Kregl.* Verz. p. 240. — *Westerl.* Exp. crit. p. 107. — *Kob.* Cat. p. 53. — *Pätel* Cat. p. 115. — *Lehm.* Stettin p. 176. t. 15. f. 63. *Helix carychium Gmel.* — *Bulimus minimus Brug.* — *Turbo carychium Mont.* — *Auricula minima Drap.*, *Stein* Berl. Schn. p. 62. t. 2. f. 5. — *Odostomia carychium Flem.* — *Auricella carychium* et *inflata Hartm.* — Var.: *Carychium minutissimum Fér.* — Europae fere omnes regiones.
2. tridentatum (Saraphia) Risso. (Coll. 2.) I. 162. II. 123 (*elongatum*). — *Bourg.* in Rev. et Mag. Zool. 1857. p. 214; 1859. ibid. p. 56; Moll. Alp. Marit. 1861. p. 45. t. 1. f. 27. 28. — *Stabile* Moll. Piém. 1864. p. 107. — *Issel* Moll. Pisa 1866. p. 24. — *Hidalgo* Cat. icon. p. 185: Hispania. — *Carychium elongatum Villa*, *Stabile* Faun. Elvet. p. 45. — *Carychium nanum Ant.* — Italia, provincia Austriae littoralis.

3. **C. striolatum Bourguignat.** †

„Testa subperforato-rimata, oblongo-fusiformi, diaphana, elegantissime striata; spira elongata, apice obtusiusculo; anfractibus 6 convexis, regulariter crescentibus, sutura profunda, simplice separatis; ultimo $^1/_3$ longitudinis aequante; apertura acuminato-ovali; pariete aperturali prope columellam valide uniplicato; plica columellari dentiformi; peristomate labiato, expanso; margine dextro intus denticulo valido munito. — Long. 3, diam. 1 mill.“ (B.)

Carychium striolatum Bourg. in Rev. et Mag. Zool. 1857. p. 216.

Habitat in Gallia (département de l'Aube).

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4. gracile (Auricula) Morelet. † I. 163. II. 124. — *Bourg.* in Rev. et Mag. Zool. 1857. p. 217. — *Hidalgo* Cat. icon. p. 184. — Lusitania.

5. C. Rayianum Bourguignat. †

„Testa subrimata, ovato-conica, hyalina, laevigata; spira conica; apice obtusiusculo; anfractibus 5 convexis, sutura profunda, simpliceque separatis; ultimo $^1/_3$ longitudinis superante; apertura ovato-oblonga; pariete aperturali prope columellam parvula plica compressa ornato; plica columellari exigua, vix distincta; peristomate non labiato, simplice, leviter expanso; margine dextro medio indistincte calloso. — Long. 2, diam. 1 mill." (B.)

Carychium Rayianum Bourg. in Rev. et Mag. Zool. 1857. p. 217.

Habitat prope Troyes Galliae.

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6. Indicum Bens. (Coll. 3.) I. 163. II. 124. — *Bourg.* in Rev. et Mag. Zool. 1857. p. 218. — *Carychium bidens Hutt.* — Montes Subhimalayani.

7. C. Boysianum Benson. †

„C. testa subrimata, elongato-cylindrica, sub lente oblique minutissime striatula, translucente, nitida, albida; spira elongata, gradatim attenuata, apice obtuso, sutura impressa; anfractibus 5, convexiusculis, subplanulatis; apertura subverticali, $^1/_3$ longitudinis non aequante, oblonge ovato-acuta; peristomate expanso, planulato, nonnunquam subduplici, margine dextro intus 1-tuberculato, parietali plica 1, columellari altera obliqua munitis, callo parietali expanso. — Alt. 2, diam. vix $^2/_3$ mill." (B.)

Carychium Boysianum Bens. in Ann. and Mag. n. h. 3d. ser. XIII. p. 210.

Habitat prope urbem Agra, ad ripas fluvii Yumna (Boys).

8. C. filicosta Morelet. †

„T. subrimata, cylindracea, alba, nitida, hyalina, costis capillaribus longitudinaliter ornata; spira cylindracea, gradatim attenuata, apice obtusiuscula; anfr. 7 planiusculi, leviter contabulati, 3 priores laevigati, ultimus basi compressus, leviter

ascendens; apertura ringens, plica columellari, altera parietali intrante, et callo dentiformi marginis dextri tripartita; peristoma crassiusculum, marginibus sinuatis, breviter expansis. — Long. 4, diam. $1^1/_3$ mill.“ (M.)

Carychium filicosta Morel. in Voy. Welw. p. 84. t. 3. f. 3. Conf. *Martens* in Malak. Bl. 1868. p. 139.

Habitat Golungo-Alto provinciae Angolensis (Dr. Welwitsch).

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9. exiguum (Pupa) Say. (Coll. 4.) I. 165. II. 126. — *Frauenf.* Sitzungsber. Ak. 1856. p. 12. — *Bourg.* in Rev. et Mag. Zool. 1857. p. 219. — *Binn.* Terr. Moll. Un. St. IV. p. 178; Land- and freshw. sh. North-Amer. II. p. 6. f. 5—9. — *Tryon* in Amer. journ. conch. IV. 1868. p. 6. t. 18. f. 3. — *Bulimus exiguus Binn.* — Status Uniti centrales. (Conf. spec. 10—12.)

10. ? C. exile Lea. †

„C. testa ovato-conica, valde elevata, subperforata, diaphana, albida, longitudinaliter striata; spira obtusa; anfractibus senis, convexis; suturis impressis; apertura elliptica, integra, dentibus tribus; labio valde reflexo. — Long. 0,075, lat. 0,025 poll.“ (L.)

Carychium exile Lea in Amer. journ. XLII. p. 109. t. 1. f. 5. Conf. *Binn.* Terr. Moll. IV. p. 181. t. 75. f. 32.

Habitat prope Philadelphia.

11. ? C. existelium Bourguignat. †

„Testa vix rimata, elongato-turrita, hyalina, laevi vel vix striatula; spira elongata, acutiuscula; anfr. 6 convexis; ultimo $^1/_3$ longitudinis aequante; apertura parum obliqua, ovata, paululum parvula; pariete aperturali prope columellam dente minutissimo munito; peristomate reflexo; margine externo paululum intus inflexo. — Long. $2^1/_2$, diam. $^3/_4$ mill.“ (B.)

Carychium existelium Bourg. in Rev. et Mag. Zool. 1857. p. 220. Conf. *Binn.* Terr. Moll. IV. p. 182.

Habitat in Statibus Unitis.

Obs. „Differt a *C. exiguo* statura altiore, graciliore, apertura minus dilatata, unidentata, columella laevi, sutura distinctiore, anfractu ultimo spira breviore.“

12. ? C. euphaeum Bourguignat.

„Testa vix rimata, elongato-turrita, hyalina, laevi; spira acuminato-acutiuscula; anfr. 5 convexiusculis; ultimo $^1/_3$ lon-

gitudinis superante; apertura parum obliqua, oblonga; pariete aperturali denticulo mediano adornato; peristomate leviter labiato, reflexo; margine externo intus inflexo. — Long. $1^3/_4$, diam. $^3/_4$ mill.“ (B.)

Carychium euphaeum Bourg. in Rev. et Mag. Zool. 1857. p. 221. Conf. *Binn.* Terr. Moll. IV. p. 182.

Habitat in Statibus Unitis.

Obs. 1. „Differt a *C. existelio* statura minore, spira acutiore, apertura magis dilatata, pariete aperturali medio denticulo munito, peristomate magis reflexo et incrassato, anfractibus 5, etc.; a *C. exiguo* distinguatur statura minore, apertura unidentata, peristomate crassiore et magis reflexo, spira acutiore, etc.“ (B.)

Obs. 2. E sententia Cl. *Binney* haec species, ut antecedentes 2, synonymis *C. exigui Say* adnumerandae sunt.

13. C. ? exile C. B. Adams. †

Vide *Pupa exilis C. B. Adams* (e Jamaica) 1849, *Pfr.* Mon. Helic. III. p. 556.

Species fossiles.

14. eumicrum Bourg. † Rev. et Mag. Zool. 1857. p. 223. — *Carychium minutissimum A. Braun* Nat. p. 149. 1842.
15. nanodeum Bourg. † Ibid. p. 224.
16. antiquum A. Braun. † *Bourg.* l. c. p. 224.
17. episomum Bourg. † Ibid. p. 225.
18. Nouleti Bourg. † Ibid. p. 226.
19. vulgare A. Braun. † *Bourg.* ibid. p. 228.
20. d'Orbignyanum Bourg. † Rev. et Mag. Zool. 1859. p. 57.
21. Deshayesianum Bourg. † Ibid. 1859. p. 58.

22. C. Crossei Fougeroux. †

„C. testa minima, ovato-angusta; spira elongato-conoidea, apice attenuata; anfractibus quinis, regulariter crescentibus, valde convexis, sutura profunda separatis, ultimo ovato, breviusculo, basi rimato, ad aperturam transversim constricto; apertura minima, ovato-angusta, valde obliqua, plica columellari unica, maxima, compressa, labio in medio unidentato, peristomate repando, inflexo. — Long. 1, diam. $^1/_4$ mill.“ (F.)

Carychium Crossei Fougeroux de Denainvilliers in Journ. Conch. XXIII. 1875. p. 70. t. 3. f. 2.

Lectum Dadonville (Loiret) Galliae.

Species Auriculaceorum generis dubii.

Auricula badia Beck		*Pfr.* Auric. p. 10.
—	*Bourbonica Ziegl.*	
—	*pulla Crist. & Jan*	

Auriculacea fossilia dubia.

Auricula acicula Lam.		I. 9.
—	*citharella Desh.* (*Bulimus citharellus Lam.*)	
—	*conovuliformis Desh.* (*Conovulus conovuliformis Ant.*)	
—	*crassa Defrance*	
—	*edentula Fér.*	
—	*hordeola Lam.*	
—	*miliola Lam.*	
—	*myotis Desh.* (*Voluta myotis Broc.*, *Auricula marginata Desh.*)	
—	*ovata Lam.*	
—	*pisum Defrance.* (*Voluta pisum Broc.*)	I. 10.
—	*pyramidalis Sow.*	
—	*simulata Brander.*	
—	*striata Anton.*	

ADDENDA

(et emendanda).

I. Acicula Hartmann.

(p. 1.)

Synon. *Acutalia Schaufuss* in Catal. Pätel. 1869. p. 16. 92. (*Acutalia fusca* et *spectabilis Schauf.* p. 92.)

VI. Cyathopoma Blanford.

(p. 23.)

Cl. Beddome in Proc. Zool. Soc. Lond. 1875. p. 445 *Jerdoniam Blanf.* tamquam subgenus Cyathopomatis admittit et genus *Mychopoma Blanf.* a Jerdonia non separandum declarat. Multae novae species ab eodem Auctore descriptae sunt.

§. 1.

1. filocinctum Bens. — *Hanl. & Theob.* Conch. Ind. V. t. 82. f. 2. 3.

2. C. latilabre Beddome. †

„Testa profunde et prominenter umbilicata, turbinato-globosa, glabra vel subglabra, alba sub epidermide pallide lutescenti-fusca, fasciis saturate castaneis oblique verticalibus et striis minutis verticalibus notata; spira conica, apice subacuto; anfr. 5—6, infimus superne prope suturam laevis, in regione peripheriali carinis 3 sat prominentibus cinctus, tum usque ad regionem umbilicalem laevigatus; penultimus et antepenultimus plerumque lineis s. costis 2 minus prominentibus muniti, ultimus cylindricus, leviter descendens, antice inconspicue tumidus et tum subconstrictus in fronte peristomatis reflexi; umbilicus usque ad apicem testae costis spiralibus valde prominentibus munitus; apertura paululum obliqua, subcircularis; peristoma semiduplicatum, internum ad marginem externum dilatatum et valde angulatum, circa marginem internum parvum et continuum; labrum externum margine externo irregulariter angulatum, margine basali interno perdilatatum, tum abrupte terminatum, circa partem internam aperturae non continuatum. — Operculum extus lacteo-album, testaceum, papillaeforme, glabrum, apice planatum et foramine parvo circulari munitum; stratum internum membranaceum, extus leviter concavum, multispirale, marginibus anfractuum elevatis, nucleo centrali diaphano. — Alt. et diam. max. testae $^3/_{16}$ poll.“ (B. angl.)

Cyathopoma latilabre Beddome in Proc. Zool. Soc. 1875. p. 450. t. 53. f. 28. 29.

Habitat „South-Canara ghats“, 2000—3000′ alt., Indiae meridionalis.

Obs. „Operculum exhibet formam extremam operculi *Cyathopomatis filocincti*; margines stratorum externorum testaceorum valde incurvi in centro fere concurrunt, papillam formantes in centro tantum foramine parvo munitam.“

3. C. Travancoricum Beddome. †

„Testa profunde et prominenter umbilicata, turbinato-globosa, glabra, spiraliter lirata sed verticaliter non striata, strigis castaneis verticalibus subobsoletis notata; spira conica, apice subacuto; anfr. 6, infimus carinis 7—8, prope suturam incipientibus et plerumque (sed non semper) spatio parvo in fronte regionis umbilicalis interruptis munitus, prope aperturam inflatus et constrictus sicut in *C. latilabri;* penultimus et ante-

penultimus bi- ad quadricarinati; umbilicus usque ad apicem testae costis spiralibus valde prominentibus munitus; apertura paululum obliqua, subcircularis; peristoma duplex, internum continuum, marginibus externo et basali dilatatum et crenatum; labrum externum margine externo irregulariter angulatum et reflexum, margine basali interno perdilatatum, circa marginem internum subobsoletum. — Operculum ut in *C. latilabri.* — Latit. maxima $^1/_5$ poll., extrema altitudo fere eadem.“ (B. angl.)

Cyathopoma Travancoricum Beddome in Proc. Zool. Soc. 1875. p. 451. t. 53. f. 30. 31.

Habitat „Travancore mountains“, altit. 3000′, India meridionalis.

Obs. „Persimile *C. latilabri*, sed paulo major, carinarum numero majore munitum et peristomate interno non simpliciter angulato, sed crenato.“

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4. Deccanense Blanf. — Conch. Ind. t. 82. f. 8. 9. — *Cyclotus decanensis Schauf.* in Cat. Pät. p. 93.

5. C. Blanfordi Beddome. †

„Testa tenuis, umbilicata, pyramidalis, turrita, straminea, apice attenuata, subacuta; anfr. 6 (suturis prominentibus), omnes (exceptis 2 minutis apicalibus) prominenter carinati: carinis 2—3 in anfractu tertio, 3—5 in quarto, 5—7 in infimo, circumumbilicaribus distantioribus; umbilicus pervius; apertura circularis; peristoma tenue, simplex, continuum, inconspicue crenulatum. — Operculum sicut in *C. nitido* Nr. 19. — Long. $^1/_7$, diam. max. $^1/_{11}$ poll.“ (B. angl.)

Cyathopoma Blanfordi (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 446. t. 52. f. 13. Non *H. Adams.*

Habitat „Tinnevally mountains“ ad 4000′ alt., Indiae meridionalis.

Obs. „Proxime affinis *Jerdonia dickoyensis Nevill* mss. ex insula Ceylon, sed haec minor, subtilius carinata, et in regione umbilicali multo laevior.“

6. C. Sivagherrianum Beddome. †

„Testa pyramidalis, turrita, tenuis, minute et obscure umbilicata, straminea, glabra, spiraliter lineata, apice attenuato, obtuso; anfr. 5, convexi, 2 ultimi lineis 5 spiralibus, vix elevatis, antepenultimus lineis 2—4 munitus; apertura verticalis, circularis; peristoma simplex, tenue, continuum aut apice leviter interruptum. — Operculum duplex, margine sulcato, intus

membranaceum, extus testaceum sed parum concavum, marginibus parum elevatis; nucleus centralis, transparens, mediocris. — Long. $^1/_{14}$, diam. max. $^1/_{17}$ poll." (B. angl.)

Cyathopoma Sivagherrianum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 448. t. 52. f. 17.

Habitat „Sivagherry mountains" ad 3000′ alt., Indiae meridionalis.

Obs. Proximum *C. Blanfordi Bedd.*, sed multo minus.

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7. Wynaadense Blanf. p. 24. n. 3.

8. C. ovatum Beddome. †

„Testa umbilicata, ovata, alba sub epidermide lacte et nitide fuscula, oblique striata, filiformis, pilis parcis ad costulationem spiralem munita; spira conica, apice subacuto; anfr. 5, infimus costulis circa 11 spiralibus, continuis deorsum ad umbilicum et 4 prope suturam minus conspicuis vel obsoletis, penultimus lineis spiralibus 3—4 cinctus; umbilicus mediocriter apertus, intus spiraliter liratus; apertura obliqua, oblonga, lineis verticalibus et spiralibus intus bene conspicuis; peristoma continuum aut ad apicem paululum interruptum, duplex (praeter marginem interiorem s. sinistrum), limbus externus expansus et margine externo reflexus, basi contractus et ad basin marginis columellaris denuo prominenter expansus; limbus internus albus, nitidus, margine externo et basali minute crenulatus. — Operculum sicut in *C. Wynaadensi*, nucleo transparente mediocri. — Long. $^1/_9$, lat. max. $^1/_{13}$ poll." (B. angl.)

Cyathopoma ovatum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 447. t. 52. f. 16.

Habitat „Yellagherry hills, Salem district" Indiae meridionalis.

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9. Kalryenense Blanf. p. 24. n. 4.

10. C. Shevaroyanum Beddome. †

„Testa prominenter umbilicata, turbinata, subdepressa, spiraliter lirata, epidermide vestita saturate fusca, vix pilosa, sed striis verticalibus crebris minutis, nonnullisque validioribus prominentibus distantibus notata; spira conica; anfr. 5, superiores inconspicue costulati, ultimus superne prope suturam glaber, circa regionem peripherialem costulis 4 subinconspicuis et spatio lato laevigato in fronte regionis umbilicalis munitus; umbilicus intus parum conspicue liratus; apertura obliqua, sub-

circularis; peristoma duplex, non dilatatum, penitus glabrum. — Operculum ut in *C. filocincto* et *Malabarico*. — Diam. max. $^1/_{10}$, alt. vix $^1/_{10}$ poll.“ (B. angl.)

Cyathopoma Shevaroyanum Beddome in Proc. Zool. Soc. 1875. p. 451. t. 53. f. 32. 33.

Habitat „Shevaroys et Yellaghirry hills, Salem district“ Indiae meridionalis.

Obs. Species affinis *C. Kalryenensi Blanf.*, sed apertura non crenata.“

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11. Kolamulliense Blanf. — Conch. Ind. t. 135. f. 8. 9.

12. C. album Beddome. †

„Testa late umbilicata, depresso-turbinata, epidermide cretaceo-alba vel albido-fuscula, striaturam minutam verticalem exhibente, mox decidua vel lobatim modo remanente induta, sub epidermide textura cornea alba peculiari; spira conoidea, apice subacuta; anfr. 4—5, spiraliter lirati, ultimus 4—5, penultimus 3 costulis s. liris, epidermide persistente prominentioribus muniti; umbilicus intus prominenter spiraliter costatus; apertura circularis, obliqua; peristoma tenue, simplex, continuum, basi interna ad terminationem costae primae circumumbilicaris leviter angulatum. — Operculum extus perconcavum, marginibus strati externi testacei valde elevatis, sed strictis, minime arcuatis, multispiratum, nucleo transparente parvo. — Long. $^1/_{14}$, latit. $^1/_{12}$ poll.“ (B. angl.)

Cyathopoma album (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 446. t. 52. f. 14.

Habitat „Yellaghery mountains“ et „Sirumallay hills“ Indiae meridionalis; Ceylon.

Obs. „Peraffine videtur *Cyathopomati Kolamulliensi Blanf.*; sed teste *Blanford* ab eo distinctum.“

13. C. vitreum Beddome. †

„Testa aperte umbilicata, depresso-turbinata, vel fere subdiscoidalis (spira vix elevata), albida, textura nitida vitracea, epidermide penitus destituta; anfr. 4, ultimus teres, non descendens, angulari-convexus, costulis 3 spiralibus prominenter elevatis circa regionem peripherialem, et unica inter has et regionem umbilicalem munitus, parte suprema prope suturam non lirata vel interdum lineam quintam ostendens; anfr. penultimus angulari-convexus, biliratus, 2 apicales minutissimi; regio umbilicalis intus spiraliter lirata; apertura subobliqua, subcircularis; peristoma simplex, tenue. — Operculum duplex, nucleo centrali transparente perparvo, ob margines leviter elevatos

extus concaviusculus, strato externo minus testaceo quam in caeteris. — Diam. max. $^1/_{14}$, altit. $^1/_{22}$ poll.“ (B. angl.)

Cyathopoma vitreum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 449. t. 53. f. 21. 22.

Habitat „Sivagherry mountains, Tinnevelly district“ Indiae meridionalis.

Obs Species proxima *C. albo*, sed specimina numerosa omnis aetatis nullum epidermidis vestigium monstrant, magis depressa est, texturae vitreae potius quam corneae; operculum multo minus concavum et vix testaceum.

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14. Coonoorense Blanf. — Conch. Ind. t. 135. f. 10.
15. Blanfordi H. Adams. p. 25. n. 7.

16. C. atrosetosum Beddome. †

„Testa umbilicata, ovata vel subturbinata, spiraliter lirata, tenuis, semitransparens, albida, epidermide decidua, verticaliter et inconspicue striata, interdum subobsoleta vestita; spira conica; anfr. 5, rotundati, muniti lineis spiralibus crebris, confertis, parum conspicuis, inter quas observantur lineae (potius setae? Pfr.) longae, nigrae, crebrae, sat distantes, patentes vel suberectae; umbilicus magis minusve apertus, extus carina magis minusve prominente munitus, intus inconspicue costatus vel laevis; apertura subverticalis, circularis; peristoma simplex, subduplex vel duplex, integrum aut margine externo eleganter crenatum. — Operculum subduplex, extus album et testaceum et ob margines elevatos concaviusculum, multispirale, nucleo centrali magno, transparente, intus membranaceum, convexum, lutescens, nitidum. — Long. $^1/_{10}$, diam. max. $^1/_{10}$—$^1/_{14}$ poll.“ (B. angl.)

Cyathopoma atrosetosum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 448. t. 52. f. 18. 18 a.

Habitat „South Canara ghats“ 3000′ alt., et Anamallays Indiae meridionalis.

Obs. „Peristoma, regio umbilicalis et ipsa testae forma pervariabilia in ambobus locis.“

§. 2.

17. Malabaricum Blanf. — Conch. Ind. t. 82. f. 1. 4.

18. C. Anamallayanum Beddome. †

„Testa umbilicata, turbinata, apice conica, glabra, vix conspicue verticaliter striata, alba sub epidermide lutescente,

strigis verticalibus latis, obliquis, laete castaneis ornata; anfr. 6, convexi, suturis profundis, lineis spiralibus minutissimis, sub lente forti in 2 vel 3 anfractibus ultimis plerumque conspicuis muniti, ultimus subtus subplanatus et circa regionem umbilicalem, intus albam et striatam, minus apertam quam in *C. Malabarico*, carinatus; apertura subobliqua, oblonga; peristoma (in adultis) duplex, non dilatatum, continuum, in junioribus simplex, tenue, ad anfractum penultimum leviter interruptum. — Operculum paululum retractum, extus ob elevationem levem marginis strati exterioris testacei subconcavum, arcte multispiratum, nucleo transparente mediocri. — Long. $^1/_7$, diam. max. $^1/_8$ poll.“ (B. angl.)

Cyathopoma Anamallayanum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 446. t. 52. f. 15.

Habitat „Anamallay hills“ ad 6000′ alt., Indiae meridionalis; var. paulo minor „Pulney hills.“

Obs. Affine *C. malabarico*, sed multo majus et conicum, umbilico et operculo diversis.

19. C. nitidum Beddome. †

„Testa inconspicue umbilicata, pyramidalis, turrita, nitida, lutescenti-olivacea, laevigata, sub lente plerumque minutissime oblique striata, apice obtusiusculo, suturis profundis; anfr. 5, convexi, glabri, ultimus versus aperturam vix descendens; apertura circularis; peristoma continuum, simplex, tenue. — Operculum duplex, crassum, margine sulcato cinctum, extus levissime concavum; nucleus maximus, dimidium circuli occupans, tenuissimus, transparens, nitidus, non spiratus; pars exterior extus testacea, intus membranacea, arctissime spirata. — Long. $^1/_{12}$—$^1/_8$, latit. anfr. ultimi $^1/_{12}$ poll.“ (B. angl.)

Cyathopoma nitidum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 445. t. 52. f. 12.

Habitat „Anamallay mountains“, ad alt. 6000′, et „South Canara ghats“ Indiae meridionalis.

20. C. ceylanicum Beddome. †

„Testa prominenter umbilicata, turbinata, apice conico obtuso, inconspicue spiraliter lirata, epidermide glabra, flavescente, fasciis nitide castaneis oblique verticalibus et striis verticalibus vix conspicuis ornata, vestita; anfr. 5, convexi vel subangulares, infimus 2 lineis vel costis inconspicuis in regione peripheriali et interdum tertia obsoletiore inter has et suturam munitus; anfr. penultimus carinis 2, inferiore suturam

fere tangente et interdum obsoleta munitus, antepenultimus inconspicue unicarinatus; umbilicus ad introitum leviter angulatus, intus laevis; apertura fere verticalis, circularis; peristoma subduplex, continuum, termino carinarum anfr. ultimi inconspicue angulatum vel crenatum. — Operculum ut in *C. Anamallayano*. — Long. $^1/_9$, diam. max. $^1/_8$ poll.“ (B. angl.)

Cyathopoma ceylanicum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 450. t. 52. f. 20.

Habitat Ceylon, frequens circum cataractas Rambaddi.

Obs. „Persimile *C. Anamallayano* sed carinatione etsi inconspicua tamen fortiore quam in illa, et diametro ratione longitudinis majore distinguendum.“

An eadem species: *C. ceylanicum Nevill* Enum. Pneum. Ceyl. 1871. p. 6 (non descriptum)?

§. 3.

21. procerum Blanf. — Conch. Ind. t. 135. f. 7.

22. C. elatum Beddome. †

„Testa anguste umbilicata, ovato-pyramidalis, spiraliter lirata, epidermide vestita brunnescente, striis verticalibus distantibus ac prominentibus et striis minutissimis inter eas munita; spira conica, apice subacuto, suturis profundis; anfr. 5, rotundati, costulis muniti spiralibus crebris, sat confertis, usque ad regionem umbilicalem costatam continuis; apertura verticalis, circularis; peristoma duplex: internum continuum, integrum vix conspicue crenatum, externum magis minusve expansum et reflexum, continuum excepto apice penultimum anfractum tangente. — Operculum ut in *C. procero*, etc. — Altit. $^1/_8$, latit. max. $^1/_{10}$ poll.“ (B. angl.)

Cyathopoma elatum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 448. t. 52. f. 19.

Habitat „Golkondah hills, Vizapagatam district“ Indiae meridionalis.

Obs. Proximum *C. procero*, sed magis ovatum, basi latiore, et epidermide discrepans.

*

23. tignarium Bens. — Conch. Ind. t. 82. f. 7. 10.

* * *

24. C. seticinctum Beddome. †

„Testa mediocriter umbilicata, turbinata, solidula, spiraliter lirata, alba sub epidermide fuscescente, minute verticaliter

striata, ad peripheriam valde et prope suturas leviter pilosa; spira conica; anfr. 6, convexi (suturis profundis), ultimus teres, antice subabrupte leviter descendens, costulis spiralibus continuis elevatis inter suturam et carinam regionis umbilicalis munitus, quarum duabus ad peripheriam reliquis magis elevatis et pilis perlongis, patentibus, saturate brunneis obsitis, inter quas una vel rarius 2 costulae minus prominentes et imberbes; anfr. penultimus costulis 6—7 munitus et suturis supera et infera leviter pilosis; anfr. antepenultimus 5—6, praecedens 2—3 lineas minus prominentes ostendens, apicales 2 minuti ac fere laeves; umbilicus pervius, omnes anfractus monstrans, extus fimbria pilosa non cinctus, intus spiraliter costatus et sculptura forti, elevata, filiformi, sinuata vel curvata munitus; apertura obliqua, subcircularis; peristoma crassum, duplex: internum intus margaritaceo-album et crenatum, externum marginibus supero et basali (praesertim ad apicem dextrum et basin sinistram) dilatatum et leviter reflexum, magis minusve sinuatum. — Operculum duplex, externe concavum, testaceum, nucleo centrali transparente parvo. — Altit. $^1/_4$, diam. max. $^5/_{16}$ poll.“ (B. angl.)

Cyathopoma seticinctum (Jerdonia) *Beddome* in Proc. Zool. Soc. 1875. p. 449. t. 53. f. 23. 24.

Habitat „Anamallay hills“ Indiae meridionalis.

Obs. „Affine *Mychopomati hirsuto*, sed epidermide peculiari elevata filiformi praeter umbilicum carens, testa minor, forma diversa, etc.“

VII. Cyclotus Guilding.

(p. 27.)

7. Inca Orb. — *Cyclostoma nobile Fér.* — Var.: *Cyclotus Blanchetianus Reeve.*

VIII. Opisthoporus Benson.

(p. 41.)

10. Gordoni Bens. — *Pterocyclos Gordoni Hanl. & Theob.* Conch. Ind. III. t. 49. f. 9. 10.

11 a. O. Cambodjensis (Pterocyclos) Morelet. †

„T. late umbilicata, solidula, depressa, sub epidermide rufescente albida rufoque partim suffusa; spira prominula, apice

acutiuscula, violaceo-nigricans; anfr. 5 convexiusculi, juxta suturam planulati et striati, ultimus dilatatus, teres, leviter descendens, demum breviter et anguste solutus, spiraculo brevi, terminali, juxta anfractum penultimum munitus; apertura obliqua, circularis; peristoma simplex, vix expansiusculum, superne ad spiraculum breviter emarginatum. — Operculum cylindricum, arctispirum, supra planulatum, apice leviter immerso, subtus omnino excavatum, latere acute spiraliter sulcato. — Diam. maj. 22, min. 17, altit. 13 mill.; diam. apert. 7 mill.“ (M.)

Pterocyclos Cambodjensis Morelet Séries conch. IV. 1875. p. 286. t. 13. f. 1.

Habitat circa Battambang Cambodjae.

Obs. Peraffinis videtur *O. Cochinchinensi Pfr.*

IX. Mychopoma Blanford.

(p. 45.)

Genus ex sententia Beddomei Cyathopomatis subgeneri Jerdoniae injungendum.

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1. hirsutum Bedd. — Conch. Ind. VII. t. 136. f. 1. 4.
2. limbiferum Blanf. — Conch. Ind. VII. t. 136. f. 2. 3.

Obs. His proximum *Cyathopoma seticinctum Bedd.*

X. Rhiostoma Benson.

(p. 46.)

4. Haughtoni Bens. — *Pterocyclos Haughtoni* (Rhiostoma) *Hanl. & Theob.* Conch. Ind. I. t. 5. f. 10.

XI. Spiraculum Pearson.

(p. 47.)

1. hispidum Pears. — *Pterocyclos hispidus Hanl. & Theob.* Conch. Ind. I. t. 5. f. 4.

2. Avanum Blanf. — *Pterocyclos Avanus* Conch. Ind. VII. t. 134. f. 8. 9.
3. Beddomei Blanf. — *Pterocyclos Beddomei* Conch. Ind. VII. t. 134. f. 5. 6.
4. Fairbanki Blanf. — *Pterocyclos Fairbanki* Conch. Ind. III. t. 49. f. 1. 2.
5. Andersoni Blanf. — *Pterocyclos Andersoni* Conch. Ind. III. t. 49. f. 3. 4.

XII. Pterocyclos Benson.

(p. 49.)

§. 1.

3. Lowianus Pfr. — *Pterocyclos Lavianus Schauf.* in Cat. Pät. p. 93.
6. ater Stol. — Conch. Ind. t. 142. f. 5. 6.

9a. Pt. insignis Theobald. †

„Forma typica. Testa albida, epidermide flavescente sive castanea, decidua vestita, castaneo-fasciata. Peristomate duplici, antice valde expanso. Operculo intus concavo, extra planiusculo, margine valde radiate hirsuto. — Lat. 1,20; lat. oris intus 0,65.“ (Th.)

Pterocyclos insignis Theob. in Journ. As. Soc. Beng. XXXIV. 1865. Pt. 2. p. 278.
— — *Hanl. & Theob.* Conch. Ind. t. 5. f. 6. 7.

Habitat „Shan States“ Indiae.

§. 2.

10. Cumingi Pfr. — Conch. Ind. t. 49. f. 7. 8.
12. Cingalensis Bens. — Conch. Ind. t. 5. f. 5.
13. bifrons Pfr. — Conch. Ind. t. 142. f. 8. 9.
14. bilabiatus Bens. — Conch. Ind. t. 5. f. 2.
16. anguliferus Soul. — *Cyclotus anguliferus M. E. Gray.*
17. rupestris Bens. — Conch. Ind. t. 5. f. 8.
18. nanus Bens. — Conch. Ind. III. t. 49. f. 5. 6.
19. parvus Pears. — Conch. Ind. t. 142. f. 7. Var. *Assamensis* t. 5. f. 3. Var. *P. Albersi Bens.* (non *Pfr.*) t. 142. f. 10.
20. pullatus Bens. — Conch. Ind. t. 134. f. 2—4.
21. Cetra Bens. — Conch. Ind. t. 134. f. 7. 10.
22. Feddeni Blanf. — Conch. Ind. t. 5. f. 9. t. 134. f. 1.

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27. Mastersi Blanf. mss. — Spiraculum *Hanl. & Theob.* Conch. Ind. t. 5. f. 1. — Assam.

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? *Pterocyclus Laidlayanus* . . . *Schauf.* in Cat. Pät. p. 93. — Borneo.

XVI. Alycaeus Gray.

(p. 57.)

Godwin Austen in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 87.

§. 1.

3. pyramidalis Bens. — *Hanl. & Theob.* Conch. Ind. t. 91. f. 5. 6.

§. 2.

8. constrictus Bens. — Conch. Ind. t. 95. f. 1. 4.
9. graphicus Blanf. — *Austen* 1871. t. 5. f. 5. — Conch. Ind. t. 95. f. 7—9.
9a. margarita Theob. mss. (affinis *A. graphico.*) — Conch. Ind. t. 95. f. 10. t. 97. f. 7 (absque descriptione).
10. otiphorus Bens. — *Austen* 1871. t. 5. f. 6. — Conch. Ind. t. 95. f. 5. 6.
11. bembex Bens. — Conch. Ind. t. 95. f. 2. 3.

§. 3.

12. Vulcani Blanf. — Conch. Ind. t. 96. f. 8. 9.
13. sculptilis Bens. — Conch. Ind. t. 97. f. 5. 6.

13a. **A. conicus Austen.** †

„Testa anguste umbilicata, turbinata, crassa, translucens, pallide cornea, rubra vel alba, glabra, nitida, in parte tumida anfractus ultimi valide ac regulariter filiformi-costulata, sculptura antice et postice abrupte terminata, exceptis nonnullis striis elevatis immediate pone terminationem tubuli suturalis; costulatio indistincta prope umbilicum. Spira conoidea, apice obtuso; sutura impressa; anfr. 4—4$^1/_2$, rotundati, ultimus levissime tumidus, constrictus et denuo leviter ampliatus prope aperturam; constrictio laevis, breviuscula; tubulus suturalis

mediocris, incipiens in 0,045 poll. ab apertura. Apertura leviter obliqua, perfecte circularis; peristoma duplex, crassum, internum continuum, projectum, leviter expansum, externum retrorelictum. Operculum corneum, multispirale, antice concavum, postice laevigatum, absque tubere centrali. — Diam. maj. 0,12—0,13, min. 0,11; alt. 0,10—0,11 poll. — Diam. apert. 0,06 poll. (A. angl.)

Alycaeus conicus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. Pt. 2. p. 87. t. 3. f. 1.

— — *Hanl. & Theob.* Conch. Ind. t. 103. f. 8. 9.

Habitat prope „Kopili river, North-Cachar district" Indiae.

13b. A. sculpturus Austen. †

„Testa anguste umbilicata, turbinata, cornea vel grisea, costulis bene distinctis in anfractibus superioribus munita, subtus glabra, in parte inflata anfr. ultimi subtiliter et in constricta subtilius costulata; spira subconoidea; anfr. 4, ultimus leviter tumidus, tum constrictus et versus peristoma longitudinaliter undulatum interum inflatiusculus; tubus suturalis mediocris; apertura obliqua, undulata; peristoma incrassatum, parum expansum, duplex, undulationibus 4 profundis in margine dextro unaque minus conspicua in basali notatum, prima crenam profundum peristomatis prope junctionem cum anfr. ultimo formante. — Operc. ut in *A. crispato*. — Diam. maj. 0,14, min. 0,10, alt. 0,08; diam. apert. 0,06; tubus suturalis 0,55 poll." (A. angl.)

Alycaeus sculpturus Godwin Aust. in Journ. As. Soc. Beng. XLIV. Pt. 2. 1875. p. 8. t. 4. f. 2. 2a—c.

Habitat Munipur.

Obs. „Species valde affinis *A. crispato Aust.* (Journ. As. Soc. XL. t. 4. f. 1 — pars basalis ibid. t. 4. f. 3.), sed multo angustius spirata et absentia cristae in constrictione discrepans. *A. sculptilis Bens.* etiam affinis est, sed peristoma non crenulatum et in constrictione planum et crista destitutum est. Hae formae tres transitus inter se offerunt."

§. 4.

14. Andamaniae Bens. — Conch. Ind. t. 91. f. 7—10.
15. umbonalis Bens. — Conch. Ind. t. 92. f. 8. 9.
16. physis Bens. — Conch. Ind. t. 92. f. 5. 6.
17. prosectus Bens. — *Austen* 1871. t. 5. f. 1. — Conch. Ind. t. 92. f. 2. 3.
18. Ingrami Blanf. — *Austen* 1871. t. 4. f. 3. — Conch. Ind. t. 92. f. 7. 10. — Var. *Nagaensis Austen* 1871. t. 5. f. 2.
19. glaber Blanf. — Conch. Ind. t. 97. f. 8—10.
21. armillatus Bens. — Conch. Ind. t. 93. f. 10.

22. humilis Blanf. — Conch. Ind. t. 93. f. 8. 9.
23. politus Blanf. — Conch. Ind. t. 94. f. 1—3.
24. Theobaldi Blanf. — *Austen* 1871. t. 4. f. 4. — Conch. Ind. t. 97. f. 2. 3.

24 a. A. pusillus Austen. †

„Testa depresse turbinata, modice umbilicata, tenuis, translucens, vitracea, pallide cornea, glabra, vestigiis costulationis subtilissimis et distantibus rarius instructa, sed in parte tumida anfractus ultimi nec non in umbilico dense et regulariter costata. Spira depresse conoidea, apice obtuso, sutura modice impressa; anfr. $3^1/_4$, ultimus parum inflatus; constrictio levissima, laevigata; tubulus suturalis brevis et crassus. Apertura obliqua, rotunda; perist. duplex, limbis ambobus expansis, interno continuo. Operculum tenue, corneum, transparens, multispirale, leviter concavum, tubere centrali postice nullo. — Diam. maj. 0,09, min. 0,075, alt. 0,055; diam. apert. 0,035; tubulus suturalis 0,012 poll.“ (A. angl.)

Alycaeus pusillus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 89. t. 3. f. 3.

— — *Hanl. & Theob.* Conch. Ind. t. 103. f. 7. 10.

Habitat frequens in ripis fluvii Kopili Indiae.

§. 5.

27. succineus Blanf. — Conch. Ind. t. 96. f. 7. 10.

27 a. A. diagonius Austen. †

„Testa arcte umbilicata, turbinata, tenuis, translucens, pallide succinea aut rubescens, in anfractibus 2 ultimis subtiliter sed distanter, in parte inflata ultimi dense costulata. Spira conoidea, apice obtuso, sutura bene impressa; anfr. 4, rotundati, ultimus immediate juxta basin tubuli suturalis constrictus, tum versus aperturam late turgens, initio tumoris superne cristam diagonalem vel recurvatam formante. Constrictio glabra; tubulus suturalis 0,053 poll. Apertura diagonalis, circularis; peristoma sinuatum, duplex, limbus internus continuus, externus expansus, ad umbilicum leviter reflexus, eum partim occultans. Operculum antice concavum, postice convexum, tubere s. nucleo parvo centrali instructum. — Diam. maj. 0,145, min. 0,120, alt. 0,10; diam. apert. 0,75 poll.“ (A. angl.)

Alycaeus diagonius Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 87. t. 3. f. 2.

Alycaeus diagonus Hanl. & Theob. Conch. Ind. t. 103. f. 1.

Habitat „Diyung valley, north of Asalu, in N. Cachar district“ Indiae.

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28. polygonoma Blanf. — Conch. Ind. t. 96. f. 2. 3.
30. nitidus Blanf. — Conch. Ind. t. 94. f. 4. 7.
31. Richthofeni Blanf. — Conch. Ind. t. 94. f. 5. 6.
33. bifrons Theob. — Conch. Ind. t. 93. f. 1. 4.
34. hebes Bens. — *Austen* 1871. t. 4. f. 5. — Conch. Ind. t. 93. f. 5. 6.
35. gemmula Bens. — Conch. Ind. t. 93. f. 7.

35a. A. crispatus Austen. †

„Testa mediocriter umbilicata, turbinata, tenuiuscula, pallide cornea, in parte superiore anfractuum prope suturam subtiliter ac subdistanter plicato-costulata, in inferiore laevior, in parte inflata ultimi subtiliter et conferte costata. Spira conoidalis, apice acutiusculo, sutura bene impressa. Anfr. 4, rotundati, ultimus latere modice inflatus, tum per spatium breve constrictus et laevigatus, tum crista transversa leviter recurvata, magis minusve prominente munitus, intervallo pone aperturam fere laevi, sed versus peristoma gradatim undulationibus longitudinalibus impresso. Tubulus suturalis mediocris. Apertura diagonalis, marginibus externo ac supero undulata. Peristoma incrassatum, irregulariter duplicatum, expansum cum 4 vel 5 undulationibus profundis in latere dextro, a puncto junctionis cum anfractu ultimo ad basin aperturae extensis, angulis internis in speciminibus veteribus fortiter prominentibus. Operculum multispirale, incrassatum, postice convexum, antice perconcavum.“ (A. angl.) — Dimensiones non indicatae.

Alycaeus crispatus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 91. t. 4. f. 1.

Habitat „Khasia, Jaintia et North-Cachar Hills“ Indiae, frequens.

35b. A. Jaintiacus Austen. †

„Testa subobtuse perforata, turbinata, pallide succinea vel alba, laevigata, in parte inflata anfractus ultimi subtiliter costata, vestigiis costularum subdistantium pone terminationem tubuli suturalis notata. Spira conoidea, apice obtuso, sutura impressa. Anfr. 4, rotundati, ultimus levissime inflatus, tum modice constrictus, tum denuo in cristam humilem, subrecurvatam tumescens. Constrictio laevigata; tubulus suturalis breviculus, subtilis. Apertura subverticalis, rotunda. Peristoma

intus profunde undulatum, angulis prominentibus inter undulationes nodosis; limbus internus continuus, externus prope umbilicum fortiter reflexus. — Diam. maj. 0,13, min. 0,11, alt. 0,10; diam. apert. 0,07 poll.“ (A. angl.)

Alycaeus Jaintiacus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 92. t. 5. f. 3.

Habitat „Nonjinghi Hill, Jaintia“ Indiae.

§. 6.

36. stylifer Bens. — Conch. Ind. t. 92. f. 1. 4.
38. strangulatus Hutt. — Conch. Ind. t. 93. f. 2. 3.
39. Avae Blanf. — Conch. Ind. t. 94. f. 8—10.
42. plectocheilus Bens. — Conch. Ind. t. 96. f. 5. 6.
43. cucullatus Theob. — Conch. Ind. t. 96. f. 1—4.

43a. **A. Khasiacus Austen.** †

„Testa subturbinato-depressa, aperte umbilicata, translucens, colore corneo-succineo vel rubello vel saturate rufo varians, nitida, sub lente subtilissima striata, in parte inflata anfractus ultimi minutissime costulata, in speciminibus nonnullis perspicue costulata. Spira depresso-conoidea, apice perobtuso, saepe reliqua testae parte saturatius tincto. Sutura impressa; anfr. 4, bene rotundati, ultimus modice inflatus, acute constrictus et iterum dilatatus in cristas 2 verticales, illa aperturae proxima minore, supra partem superam anfractus modo extensa, tum peristomate resecta. Constrictio laevigata; tubulus suturalis brevissimus, basi crassus. Apertura obliqua, rotundata, superne leviter angulata. Peristoma magis minusve distincte duplicatum, internum continuum, externum leviter expansum. Operculum multispirale, antice concavum, postice convexum absque tubere. — Diam. maj. 0,15, min. 0,13, alt. 0,09; diam. apert. 0,07; tubulus suturalis 0,025 poll.“ (A. angl.)

Alycaeus Khasiacus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 90. t. 3. f. 4.

— *Khasianus Hanl. & Theob.* Conch. Ind. t. 103. f. 5. 6.

Habitat in summis „Khasi et Jainti Hills“ frequens.

43b. **A. crenatus Austen.** †

„Testa mediocriter umbilicata, depresse turbinata, tenuiuscula, translucens, pallide cornea vel alba (epidermide pallide cornea in testis veteribus decidua), undique indistincte subtiliter costulata, in parte inflata anfractus ultimi conferte et

subtiliter costata. Spira depresso-conoidea, apice perobtuso, sutura bene impressa. Anfr. 4, rotundati, ultimus modice inflatus, ad basin tubuli suturalis constrictus, crista conspicua subverticali immediate pone aperturam munitus. Constrictio laevigata; tubulus suturalis elongatus, crassiusculus. Apertura obliqua; peristoma rotundatum, margine supero et externo (nec columellari) profunde undulatum, limbo externo parvulo, leviter expanso. Operculum multispirale, antice concavum, tubere parvulo prominente postice instructum. — Diam. maj. 0,18, min. 0,16, alt 0,11; diam. apert. 0,08; tubulus suturalis 0,75 poll.“ (A. angl.)

Alycaeus crenatus Godwin Austen in Journ. As. Soc. Beng. XL. 1871. p. 90. t. 3. f. 5.

— — *Hanl. & Theob.* Conch. Ind. t. 103. f. 2. 3.

Habitat „Burrail Range, North-Cachar“ in 5000′ alt., Indiae.

§. 7.

45. amphora Bens. — Conch. Ind. t. 91. f. 2. 3.
46. urnula Bens. — *Austen* 1871. t. 5. f. 4. — Conch. Ind. t. 91. f. 8. 9.
51. Feddenianus Theob. — Conch. Ind. t. 91. f. 1. 4.

§. 8.

53. vestitus Blanf. — Conch. Ind. t. 103. f. 4.
54. crenulatus Bens. — Conch. Ind. t. 97. f. 1. 4.

XVII. Hybocystis Benson.

(p. 67.)

1. gravida Bens. — *Megalomastoma gravidum Hanl. & Theob.* Conch. Ind. I. t. 7. f. 1.

XVIII. Opisthostoma Blanford.

(p. 68.)

1. Nilgirica Blanf. — *Hanl. & Theob.* Conch. Ind. VI. t. 117. f. 10.
2. Fairbanki Blanf. — Conch. Ind. t. 117. f. 8.
4. macrostoma Bedd. — Conch. Ind. t. 117. f. 9.

5. O. Deccanense Beddome. †

„Testa irregulariter rhomboidalis, pallide rubra, costulis obliquis distantibus, in ultimo anfractu prominentibus, in reliquis minoribus sculpta; anfr. 5, excentrici, apicales 2 minutissimi, depressi, sicut macula una a latere visibiles, tertius multo major, convexus, penultimus convexus, permagnus, valde dilatatus, ultimus more sueto constrictus et in fronte constrictionis introrsum deflexus, sed umbilicum non occultans; apertura reversa, circularis, verticalis et anfractui penultimo parallela; peristoma centrum anfractus penultimi tangens, duplex: labiis ambobus leviter dilatatis, canali lato sejunctis. — Longit. totalis $^1/_{18}$, lat. $^1/_{14}$ poll." (B. angl.)

Opisthostoma Deccanense Beddome in Proc. Zool. Soc. 1875. p. 444. t. 52. f. 10. 11.

Habitat „Nallay-Mallay" hills, etc. (circa 3000′ alt.) Indiae meridionalis.

6. O. distortum Beddome. †

„Testa irregulariter rhomboidalis, pallida, costulis obliquis, satis distantibus sculpta; anfr. 4, excentrici, summus minutissimus et depressus, a latere non visibilis (ita ut testa 3 modo anfractibus convexis composita videatur), secundus mediocris, tertius s. penultimus multo major quam secundus et quartus, ultimus more sueto constrictus et in fronte constrictionis sursum flexus, sed umbilicum non occultans; apertura subangulariter circularis, sursum acuminata, apice in una linea cum apice testae; peristoma partem superiorem anfractus ultimi tangens, duplex, labiis haud valde dilatatis, spatio parvo separatis. — Long. totalis $^1/_{28}$, lat. maxima $^1/_{18}$ poll." (B. angl.)

Opisthostoma distortum Beddome in Proc. Zool. Soc. 1875. p. 445.

Habitat „Golcondah hills, Vizagapatam", 3000′ alt., Indiae meridionalis.

XIX. Diplommatina Benson.

(p. 69.)

Pfr. in Malak. Bl. XXIII. 1876. p. 15—24.

§. 1.

1. folliculus Pfr. — *Hanl. & Theob.* Conch. Ind. t. 140. f. 8. 9.
2. pullula Bens. — Conch. Ind. t. 119. f. 7.

4. costulata Hutt. — Conch. Ind. t. 120. f. 8. 9.
5. diplocheilus Bens. — Conch. Ind. t. 140. f. 2. 3.

5a. D. Burtii Austen. †

„Testa dextrorsa, tumide et ovate fusiformis, pallide umbrina, oculo nudo fere glabra, sub lente subtiliter et dense costulata; spira rapide attenuata, apice acuto, sutura inferne bene impressa; anfr. 8, superiores plani, ultimi 3 inflati et rotundati, penultimus maximus, ultimus leviter ascendens versus aperturam verticalem, latam ac inferne bene rotundatam; peristoma duplex, percrassum, continuum; dens columellaris validus." (A. angl.) — Dimensiones desiderantur.

Diplommatina Burtii Godwin Austen in Journ. As. Soc. Beng. XLIV. Pt. 2. 1875. p. 8. t. 4. f. 4.

Habitat ad basin Himalayae orientalis (J. Burt).

Obs. „Pertinet ad typum *D. diplocheili*, sed spira peculiariter attenuata et forma tumida partis inferioris bene distincta."

*

6. labiosa Blanf. — Conch. Ind. t. 119. f. 9.
7. pachycheilus Bens. — Conch. Ind. t. 140. f. 5. 6.
8. tumida Aust. — Conch. Ind. t. 139. f. 1. — Var. (vel melius typus speciei) *Austen* in Journ. As. Soc. XLIV. Pt. 2. 1875. p. 9. t. 4. f. 7: „testa elongato-fusiformis, tenuis, pallide flavescenti-viridis, sculptura superne perlevi, in anfractibus 3 ultimis omnino laevis; spira attenuata, lateribus planis, sutura mediocri; anfr. $8^1/_2$—9, antepenultimus maximus, ultimus leviter ascendens; apertura ovalis, verticalis; perist. duplex, incrassatum, leviter reflexum; dens columellaris parvus, remotus; alt. 0,22, diam. 0,13 poll. — Naga hills." (A. angl.)
9. semisculpta Blanf. — Conch. Ind. t. 120. f. 7.
10. Blanfordiana Bens. — *Diplommatina Blanfordi Hanl. & Theob.* Conch. Ind. t. 119. f. 5. 6.
11. Jatingana Aust. — Conch. Ind. t. 139. f. 7.

11a. D. convoluta Austen. †

„Testa dextrorsa, elongato-fusiformis, solida, pallide flavescenti- vel viridescenti-cornea, apicem versus subtilissime costulata, anfractibus 2 ultimis laevigata, prope aperturam striata; spira lateribus subplanatis, sutura impressa; anfr. 8, antepenultimus maximus, penultimus in $^1/_3$ pone peristoma constrictus, ultimus abrupte ascendens, latitudinem penultimi valde contrahens; apertura subverticalis, ad dextram axis posita; peristoma circulare, solidum, duplex, vix reflexum; dens columellaris parvus, profunde a margine columellari remotus. — Alt. 0,25, diam. 0,15 poll." (A. angl.)

Diplommatina convoluta Godwin Austen in Journ. As. Soc. Beng. XLIV. Pt. 2. 1875. p. 9. t. 4. f. 8.

Habitat „Slopes of the Eastern Bourrail" ad circa 6000′ alt.

Obs. „Proxime affinis *D. Jatinganae*, forma elongata planilatera, sculptura et processu columellari aliter posito et minore facile distinguenda."

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12. scalaria Blanf. — *Diplommatina scalaris Hanl. & Theob.* Conch. Ind. t. 139. f. 2. 3.
13. ungulata Blanf. — Conch. Ind. t. 120. f. 10.
14. polypleuris Bens. — Conch. Ind. t. 140. f. 10.
15. Austeni Blanf. — Conch. Ind. t. 119. f. 1. 4.
16. oligopleuris Blanf. — Conch. Ind. t. 119. f. 2. 3.
18. nana Blanf. — Conch. Ind. t. 140. f. 1.
20. Puppensis Blanf. — Conch. Ind. t. 139. f. 8. 9.
21. Sherfaiensis Aust. — Conch. Ind. t. 119. f. 8. — Var. major, magis tumide fusiformis: *Godwin Austen* in Journ. As. Soc. XLIV. Pt. 2. 1875. p. 9. t. 4. f. 5.
23. carneola Stol. — Conch. Ind. t. 140. f. 4.

23a. D. Canarica Beddome. †

„Testa dextrorsa, late ovata, vix aut valde inconspicue rimata, carnea; spira conica; anfr. $6^1/_2$, convexi, omnes (excepto apicali 1 obtuso) dense regulariter et acute costulati, interstitiis laevibus; anfr. quintus maximus, penultimo magis prominens, penultimus exacte in fronte centri aperturae circularis constrictus; peristoma nitidum, circa anfr. penultimum continuum, inferne ad partem liberam leviter canaliculatum, margine columellari valde incurvato; dens columellaris prominens, leviter deflexus. — Long. totalis $^1/_{10}$ poll." (B. angl.)

Diplommatina Canarica Beddome in Proc. Zool. Soc. 1875. p. 442. t. 52. f. 1.

Habitat „Yellapore, North-Canara" 2500′ alt., Indiae meridionalis.

Obs. Affinis *D. carneolae Stol.*, sed fortior et margine columellari valde diverso.

23b. D. gracilis Beddome. †

„Testa dextrorsa, anguste ovata, straminea, non rimata; spira sat gracilis; anfr. $6^1/_2$, omnes (exceptis apicali vel 2 supremis) subdistanter et prominenter costulati, interstitiis laevibus; anfr. quintus maximus, penultimo paulo magis projectus, penultimus supra centrum aut centrum dextrum aperturae reniformis constrictus; peristoma circa anfr. penultimum continuum, prominenter angulatum, infra dentem duplex, labro externo expanso ac reflexo; margo columellaris fere strictus,

dente prominente, paululum deflexo. — Longit. 1/8 poll.“ (B. angl.)

Diplommatina gracilis Beddome in Proc. Zool. Soc. 1875. p. 442. t. 52. f. 2.

Habitat „Gudam hills, Vizagapatam“ 3000′ alt., Indiae meridionalis.

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24. exilis Blanf. — Conch. Ind. t. 119. f. 10.
26. parvula Aust. — Conch. Ind. t. 139. f. 4.
27. depressa Aust. — Conch. Ind. t. 120. f. 5. 6.
28. angulata Theob. & Stol. — Conch. Ind. t. 140. f. 7.
29. Richthofeni Theob. & Stol. — Conch. Ind. t. 141. f. 7. 8.

29a. D. minima Beddome. †

„Testa dextrorsa, cylindrica, straminea, non rimata; spira levissime pyramidata, obtusa; anfr. $5^1/_2$, convexi, omnes (exceptis 2 summis) minute costulati, suturis profundis; anfr. antepenultimus penultimum levissime constrictum non superans; constrictio supra centrum aperturae circularis sita; peristoma nitidum, circa partem inferiorem anfr. penultimi continuum, in parte inferiore libera duplex, margine columellari circulari, dente parvulo sed sub lente bene visibili. — Long. $^1/_{16}$ poll., $2^1/_2$ superans latitudinem.“ (B. angl.)

Diplommatina minima (Eudiplommatina) *Beddome* in Proc. Zool. Soc. 1875. p. 442. t. 52. f. 3. 4.

Habitat „Gudam hills, Vizagapatam“ Indiae meridionalis.

§. .2

34. insignis Aust. — Conch. Ind. t. 139. f. 10.
35. gibbosa Blanf. — Conch. Ind. t. 120. f. 1. 4.
36. Jaintiaca Aust. — Conch. Ind. t. 120. f. 2. 3.
37. scalaroidea Theob. — *Diplommatina scalaroides Hanl. & Theob.* Conch. Ind. t. 141. f. 10.
38. Huttoni Pfr. — Conch. Ind. t. 139. f. 5. 6.

§. 3.

53a. D. Gowllandi Brazier. †

„Testa dextrorsa, rimata, acuminato-oblonga, alba, hyalina, subtiliter et oblique costata, interstitiis laevibus; spira conica, apice acuto, interdum decollato; anfr. 6—7, interdum 9, primi 3 regulares, apicem pyramidalem formantes, quartus latus, quintus longior et latior, sextus minutus, antice subcom-

pressus seu distortus, ultimus fere ad suturam penultimi ascendens; apertura verticalis, subcircularis; perist. tenue et latum, marginibus continuis, nitidis, externo late expanso, columellari crasso, stricto, antice leviter canaliculato, dente interno minuto. — Diam. maj. $1^1/_2$, min. $^3/_4$, alt. $^1/_2$ lin." (B. angl.)

Diplommatina Gowllandi Braz. in Proc. Zool. Soc. 1874. p. 670. t. 83. f. 19—21.

Habitat Fitzroy Island Australiae.

§. 4.

54. liricincta Blanf. — Conch. Ind. t. 141. f. 2.

§. 5.

55. Nilgirica Blanf. — Conch. Ind. t. 141. f. 4.
56. Kingiana Blanf. — Conch. Ind. t. 141. f. 1.
57. Pulneyana Blanf. — Conch. Ind. t. 141. f. 3.
58. nitidula Blanf. — Conch. Ind. t. 141. f. 5.

58a. D. subovata Beddome. †

„Testa non rimata, conico-ovata, glabra, tenuis, nitida, flavescenti-alba, subobsolete minutissime oblique striata; anfr. 6, convexi, 4 summi gradatim pyramidales, apicalis obtusus, penultimus maximus, ultimus carina basali sat prominente munitus; apertura oblique oblonga; peristoma simplex, circa anfractum penultimum non continuum. — Long. $^1/_{11}$ poll." (B. angl.)

Diplommatina subovata (Nicida) *Beddome* in Proc. Zool. Soc. 1875. p. 443. t. 52. f. 7.

Habitat „South-Canara ghats" 1000—3000′ alt., Indiae meridionalis.

Obs. Affinis *D. nitidulae*, peristomate simplice et carina basali prominentiore diversa.

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59. Fairbanki Blanf. — Conch. Ind. t. 141. f. 9.

59a. D. Anamallayana Beddome. †

„Testa vix rimata, oblonga, tenuis, albida, nitida, apice subito contracta; anfr. 5, convexi, apicalis parvus, obtusus, secundus multo major, 3 inferiores latitudine aequales, omnes laevigati excepto ultimo, minutissime transverse striato et

carina basali munito; apertura circularis; peristoma duplex, externe expansum et reflexum. — Long. totalis $^1/_{14}$ poll." (B. angl.)

Diplommatina Anamallayana (Nicida) *Beddome* in Proc. Zool. Soc. 1875. p. 443. t. 52. f. 5. 6.

Habitat „Anamallays" 2000′ alt., Indiae meridionalis.

59b. D. Pedronis Beddome.

„Testa prominenter rimata, subcylindrico-ovata, tenuis, laevigata, pallide subolivacea; anfr. 7, convexi, antepenultimus maximus, superiores 4 gradatim decrescentes, ultimus subito ascendens et antepenultimum tangens, basi inconspicue carinatus; apertura obliqua, subcircularis, intus alba; peristoma continuum, simplex, externe nigrum, leviter expansum et reflexum. — Longit. $^1/_7$ poll." (B. angl.)

Diplommatina Pedronis (Nicida) *Beddome* in Proc. Zool. Soc. 1875. p. 443. t. 52. f. 8.

Habitat „near the summit of Pedrotalle Galle" insulae Ceylon.

59c. D. ceylanica Beddome. †

„Testa non rimata, subcylindrico-ovata, tenuis, laevigata, alba, nitidula; anfr. 7, convexi, antepenultimus maximus, supremi 4 gradatim decrescentes, ultimus ad antepenultimum leviter ascendens, basi sat conspicue carinatus; apertura verticalis, obliqua; peristoma continuum, simplex, vix expansum. — Longit. $^1/_{10}$ poll." (B. angl.)

Diplommatina ceylanica (Nicida) *Beddome* in Proc. Zool. Soc. 1875. p. 444. t. 52. f. 9.

Habitat „Pedrotalle Galle" insulae Ceylon.

§. 7.

62. D. alata (Palaina) O. Semper.

T. sinistrorsa, oblique rimata, ovato-conica, solidula, albida; spira conica, acutiuscula; anfr. fere 8 convexi, summi laevigati, sequentes leviter et distanter costati, 4 ultimi spinis cavis, sursum curvatis, validis muniti, ultimus angustior, antice leviter ascendens; apertura verticalis, circularis; perist. liberum, continuum, nitido-callosum, undique reflexum, semiduplicatum, parte externa et infera lamina (1 mill. ab apertura

remota) latiuscula, leviter undulata, patente auctum. — Long. (inclusa lamina basali) $8^1/_2$, diam. max. (inclusis spinis) $4^1/_2$; diam. aperturae (cum perist. interno) fere 3 mill.

Palaina alata O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. p. 348. t. 10. f. 1.
— — *Pätel* Catal. p. 118.
Diplommatina alata Pfr. in Malak. Bl. XXIII. 1876. p. 18.

Habitat Nermaleh insularum Pelew.

63. D. lamellata (Palaina) O. Semper.

T. sinistrorsa, oblique rimata, ovato-conica, solidula, albida; spira conica, acutiuscula; sutura profunda; anfr. 7, primi $2^1/_2$ plani, laeves, reliqui medio angulati et tuberculorum subacute prominentium, approximatorum serie muniti, ultimus angustior, antice alte ascendens, striatus; apertura verticalis, irregulariter rotundata, intus nitida, latere columellari distincte unidentata; perist. continuum, superne subappressum, subduplicatum, externum expansum, callosum, accedente, in parte externa et infera, lamina latiuscula, retroposita, patente. — Long. 6, diam. max. 3; long. apert. $1^1/_4$ mill.

Palaina lamellata O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. t. 10. f. 2.
— — *Pätel* Catal. p. 118.
Diplommatina lamellata Schmeltz in Mus. Godeffr. cat. V. p. 102.
— — *Pfr.* in Malak. Bl. XXIII. 1876. p. 18.

Habitat Peleliu insularum Pelew.

64. D. ringens (Palaina) O. Semper.

T. sinistrorsa, arcuato-rimata, ovato-conica, solida, conferte oblique costulata, nitidula, albido-viridula; spira convexo-conica, apice acutiuscula; anfr. 7, supremi striati, sequentes prominentiis irregularibus, in quarto quintoque tuberculiformibus, muniti, ultimus angustior, antice alte (usque ad antepenultimum) ascendens, distortus, crista S-formi, antice juxta fossulam profundam dilatata et angulatim parallele cum margine externo excurrente munitus; apertura subverticalis, truncato-oblonga; perist. continuum, superne vix appressum, undique simplex et anguste expansum. — Long. 5, diam. 3; apert. long. obliqua 2 mill.

Palaina ringens O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 348. t. 10. f. 5.
— — *Pätel* Cat. p. 118.

Diplommatina ringens Pfr. in Malak. Bl. XXIII. 1876. p. 19.

Habitat Peleliu insularum Pelew.

67. D. polymorpha (Palaina) O. Semper.

T. sinistrorsa, breviter rimata, ovato-acuminata, tenuiuscula, albida, oblique confertim striata, intermixtis costulis sparsis elevatioribus; spira inflata, sursum attenuata, apice acuto; anfr. 8 modice convexi, quartus et quintus prominentiis irregularibus notati, penultimus turgidus, ultimus angustior, sulcis nonnullis verticalibus incisus, antice lente ascendens; apertura subobliqua, truncato-rotundata, latere columellari profunde unidentata; perist. interruptum, concentrice striatum, breviter expansum, marginibus parallelis, subsinuatis, callo parietali junctis. — Long. 4, diam. $2^1/_4$; apert. long. $1^1/_2$ mill.

Palaina polymorpha O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 2. f. 7.
— — *Pätel* Catal. p. 118.
Diplommatina polymorpha Pfr. in Malak. Bl. XXIII. 1876. p. 19.

Habitat Peleliu insularum Pelew.

68. D. inflatula (Palaina) O. Semper.

T. sinistrorsa, breviter rimata, ventroso-acuminata, tenuiuscula, albida, regulariter et confertim oblique striata, subopaca; spira inflata, sursum attenuata, apice acuto; anfr. 7 convexi, penultimus turgidus, ultimus angustior, tum inflatus et alte ascendens; apertura obliqua, truncato-oblonga, latere columellari profunde uni- (vel ex icone Crosseana bi-) dentata; perist. subcontinuum, superne subappressum, duplicatum, limbo externo expansiusculo. — Long. 3, diam. $1^2/_3$; apert. long. $1^1/_4$ mill.

Palaina inflatula O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 2. f. 8.
— — *Pätel* Catal. p. 118.
Diplommatina inflatula Pfr. in Malak. Bl. XXIII. 1876. p. 20.

Habitat Peleliu insularum Pelew.

69. D. pupa (Palaina) O. Semper.

T. sinistrorsa, vix rimata, subcylindrica, pupaeformis, tenuis, confertissime et subtilissime striatula, sericeo-micans, albido-hyalina; spira subcylindrica, in apicem breviter conoideum, obtusum terminata; anfr. 6 convexiusculi, penultimus altissimus,

ultimus antice subarcuatim ascendens, basi attenuatus; apertura subverticalis, circularis, edentula; perist. callosum, simplex, continuum, superne adnatum, caeterum anguste expansum. — Long. $2^2/_3$, diam. $1^1/_2$; apert. diam. vix 1 mill.

Palaina pupa O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 2. f. 5.
— — *Pätel* Catal. p. 118.
Diplommatina pupa Pfr. in Malak. Bl. XXIII. 1876. p. 20.

Habitat Peleliu insularum Pelew.

70. D. dimorpha (Palaina) O. Semper.

T. sinistrorsa, rimato-subperforata, ovata, solidula, pallide fusca, dimorpha; spira ventrosa, apice breviter acutiusculo-conico; sutura profunda; anfr. $6^1/_2$—7 convexi, supremi confertim costulato-striati, sequentes distanter et verticaliter compresso-costati, penultimus inflatus, prominens, confertissime subarcuato-striatus, ultimus angustior, antice ascendens, versus aperturam denuo fortius et remotius costatus; apertura verticalis, subquadrato-rotundata, intus nitida, edentula; perist. nitidum, subcontinuum, vix expansulum, saepe crista compressa patente cinctum. — Long. 4, diam. $2^1/_2$; apert. diam. 1 mill.

Palaina dimorpha O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 10. f. 6.
— — *Pätel* Catal. p. 118.
Diplommatina dimorpha Pfr. in Malak. Bl. XXIII. 1876. p. 20.
β. Var.? *Palaina Wilsoni Crosse* l. c. t. 10. f. 4. Non *Semp.*

Habitat Peleliu insularum Pelew.

71. D. Wilsoni (Palaina) O. Semper.

T. sinistrorsa, vix rimata, distorto-fusiformis, tenuiuscula, confertim capillaceo-striata, subserica, albescens; spira ovata, in conum acutiusculum terminata; sutura profunda, lamelloso-crenulata; anfr. 6—$6^1/_2$ convexi, primi 4 regulariter crescentes, antepenultimus inflatus, penultimus recedens, angustus, ultimus paulo distantius costatus, antice in illum ascendens; apertura verticalis, subcircularis, edentula; perist. duplicatum, internum subcontinuum, brevissimum, externum ad parietem excisum, caeterum breviter patens. — Long. 5, diam. $2^1/_2$; apert. diam. $1^1/_2$ mill. (Ex specimine authentico coll. Dohrnianae.)

Palaina Wilsoni O. Semp. in Journ. Conch. XIII. 1865. p. 292. n. 12. (Nomen.) Non *Crosse* ibid. XIV. t. 10. f. 4.
— — *Crosse* ibid. XIV. 1866. p. 349 (nomen exclusa fig.).

Diplommatina Wilsoni Pfr. in Malak. Bl. XXIII. 1876. p. 21.

Habitat Aibukut Krollop ins. Pelew.

72. D. strigata (Palaina) O. Semper.

T. sinistrorsa, vix rimata, ovato-conica, solidiuscula, confertissime suboblique striata, fuscula; spira convexo-conica, apice acutiusculo; sutura mediocris, simplex; anfr. 6—6$^1/_2$ convexiusculi, ad penultimum regulariter accrescentes, ultimus teres, paulo recedens, antice non ascendens; apertura vix obliqua, subcircularis; perist. duplicatum, internum vix continuum, ad parietem adnatum, externum breviter patens. — Long. 5, diam. 2$^1/_3$; apert. diam. intus 1$^1/_4$ mill.

Palaina strigata O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 10. f. 7.
— — *Pätel* Catal. p. 118.
Diplommatina strigata Pfr. in Malak. Bl. XXIII. 1876. p. 22.

Habitat Peleliu insularum Pelew.

73. D. patula (Palaina) O. Semper.

T. sinistrorsa, oblique rimata, solidula, ovato-conica, confertim (in anfractu penultimo confertius) costulata, vix serica, fusca; spira convexo-conica, apice acutiusculo; sutura mediocris; anfr. 6$^1/_2$ convexiusculi, penultimus latior, ultimus paulum recedens, antice subinflatus et constrictus, subalte ascendens; apertura verticalis, subcircularis, intus nitida, fusca, edentula; perist. duplex, internum continuum, parieti breviter adnatum, prominulum, expansiusculum, externum superne utrinque excisum, caeterum retrorsum patens, concentrice striatum. — Long. 5$^1/_2$, diam. 2$^3/_4$; apert. diam. intus 1$^3/_4$ mill.

Palaina patula O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 349. t. 10. f. 3.
— — *Pätel* Catal. p. 118.
Diplommatina patula Pfr. in Malak. Bl. XXIII. 1876. p. 22.

Habitat Peleliu et Nermaleh insularum Pelew.

74. D. Moussoni (Palaina) O. Semper.

T. sinistrorsa, vix rimata, solidula, ovato-conica, subconferte (in anfractibus superioribus confertius) costulata, fuscula; spira convexo-conica, apice acutiusculo; sutura mediocris, simplex; anfr. 6, superiores convexiusculi, penultimus planior, ultimus oblique recedens, teres, antice parum ascendens; aper-

tura verticalis, subtruncato-circularis, intus nitida, pallida, edentula; perist. continuum, superne vix appressum, extus crista prominente, magis minusve incrassata cinctum. — Long. 3, diam. $1^3/_4$; apert. diam. 1 mill.

Palaina Moussoni O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 350. t. 5. f. 3.
— — *Pätel* Catal. p. 118.
Diplommatina Moussoni Pfr. in Malak. Bl. XXIII. 1876. p. 23.

Habitat Kreiangel insularum Pelew.

75. D. striolata (Palaina) O. Semper.

T. sinistrorsa, subperforato-rimata, ovato-conica, tenuiuscula, confertim costulato-striolata, fuscula; spira convexoconica, apice obtusiusculo; sutura sat profunda, simplex; anfr. 6 convexi, regulariter accrescentes, ultimus angustior, teres, basi subcompressus, antice non descendens; apertura parum obliqua, subcircularis, edentula; perist. continuum, anguste expansum, ad parietem breviter adpressum. — Long. $2^1/_4$, diam. vix $1^1/_2$; diam. apert. $^3/_4$ mill.

Palaina striolata O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 350. t. 2. f. 6.
— — *Pätel* Catal. p. 118.
Diplommatina striolata Pfr. in Malak. Bl. XXIII. 1876. p. 23.

Habitat Aibukut Krollop insularum Pelew.

§. 8.

80. D. pyramis (Palaina) O. Semper.

T. dextrorsa, subrimata, pyramidata, solida, longitudinaliter subtilissime striata et costis obtusis, saepe medio in tuberculum acutiusculum excurrentibus, irregulariter distantibus munita, subopaca, albido-virescens; spira elato-conica, apice obtusiusculo; sutura mediocris; anfr. 7—$7^1/_2$, subangulati, regulariter accrescentes, ultimus paulo recedens, basi subcompressus, antice non vel vix ascendens; apertura obliqua, truncato-oblonga, intus nitida, plica marginis columellaris subcoarctata; perist. subcontinuum, breviter expansum, superne adnatum, externum planum, horizontaliter patens. — Long. 5, diam. maj. $2^1/_2$; apert. diam. $1^3/_4$ mill.

Palaina pyramis O. Semp. in Journ. Conch. XIII. 1865. p. 292. (Nomen.)
— — *Crosse* ibid. XIV. 1866. p. 348. t. 5. f. 2.
— — *Pätel* Catal. p. 118.

Diplommatina pyramis Pfr. in Malak. Bl. XXIII. 1876. p. 24.
Habitat Peleliu insularum Pelew.

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81. crispata Stol. — *Hanl. & Theob.* Conch. Ind. t. 141. f. 6.

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Species ignota:

Diplommatina latilabris O. Semper in Journ. Conch. XIII. 1865. p. 294. (Nomen.) — Luzon.

XXI. Clostophis Benson.
(p. 94.)

1. Sankeyi Bens. — *Hanl. & Theob.* Conch. Ind. VII. t. 133. f. 10. (An monstrosa? An Opisthostomatis forma imperfecta?)

XXIII. Aulopoma Troschel.
(p. 98.)

1. grande Pfr. — Conch. Ind. t. 47. f. 1. 2.
2. Itierii Guér. — *Aulopoma Itieri Hanl. & Theob.* Conch. Ind. t. 4. f. 7, var. f. 6 et *Hoffmeisteri* ibid. t. 47. f. 3. 4.
4. helicinum Chemn. — Conch. Ind. t. 4. f. 8. — *Turbo helicoides Gmel.*

XXIV. Cyclophorus Montfort.
(p. 98.)

§. 1.

1. brevis Martyn. — *Morelet* Sér. cónch. IV. 1875. p. 284. — *Turbo Petiverianus Wood.*

§. 2.

2. monachus Morelet. — *Morelet* Sér. conch. IV. p. 285. (Operculum normale. Synon. *Cyclophorus Annamiticus Crosse.*)

§. 3.

6. pinnulifer Bens. — Conch. Ind. t. 4. f. 2.
7. calyx Bens. — Conch. Ind. t. 4. f. 4.
8. hispidulus Blanf. — Conch. Ind. t. 47. f. 5. 6.

§. 4.

10. speciosus Phil. — Conch. Ind. t. 104. f. 4. Var. f. 7.
11. Siamensis Sow. — Conch. Ind. t. 48. f. 7.
12. aquila Sow. — *Cyclophorus aquilus Morelet* Sér. conch. IV. p. 253.
15. Pearsoni Bens. — Conch. Ind. t. 1. f. 6. t. 48. f. 5.
16. volvulus Müll. — *Cyclostoma laevigatum Voigt*, *variata Boys*. — *Cyclophorus lituus Morelet* Sér. conch. IV. p. 280 cum var. minore = *C. floridus Pfr.*
17. Malayanus Bens. — Conch. Ind. t. 48. f. 4.
19. fulguratus Pfr. — Conch. Ind. t. 3. f. 3. — *Morelet* Sér. conch. IV. p. 283.
20. patens Blanf. — Conch. Ind. t. 3. f. 5.

§. 5.

30. Himalayanus Pfr. — Conch. Ind. t. 34. f. 4.
31. tryblium Bens. — Conch. Ind. t. 48. f. 1. Var. *conica* t. 47. f. 10.

31a. **C. arthriticus Theobald.** †

„T. umbilicata, turbinata, solidissima, striata lineisque spiralibus flexuosis obscure decussata; sublaevis; non polita, fuscescente, castanea fascia lata, alba mediana interdum circumdata. Interdum colore omnino albo, spira pallide castanea et fascia parva castanea submediana ornata. Anfractibus quinque convexis haud tarde crescentibus, ultimo valde capaci, rotundato. Apertura circulari. Peristomate expanso, reflexiusculo, valde incrassato, continuo, intus flavo interdum coerulescente. Apice pallide purpurascenti-rubicundulo. — Long. 52, lat. 39, alt. 37 mill.“ (Th.)

Cyclophorus arthriticus Theob. in Journ. As. Soc. Beng. XXXIII. 1864. Pt. 2. p. 246.
— — *Hanl. & Theob.* Conch. Ind. t. 3. f. 4. — Var. *fulgurans Theob.* ibid. t. 3. f. 2.

Habitat in collibus nemorosis circa fontes fluminis Pegu dicti.

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32. balteatus Bens. — Conch. Ind. t. 3. f. 1.
33. involvulus Müll. — Conch. Ind. t. 2. f. 1.
34. pyrotrema Bens. — Conch. Ind. t. 2. f. 10. Var. f. 9.

35. polynema Pfr. — Conch. Ind. t. 2. f. 8.
36. exul Bens. — Conch. Ind. t. 47. f. 7.
38. scurra Bens. — Conch. Ind. t. 105. f. 2. 3.

§. 6.

39. aurantiacus Schum. — Conch. Ind. t. 33. f. 4 et *Cyclophorus pernobilis?* ibid. t. 1. f. 7.

39a. C. Haughtoni Theobald. †

„Testa, simili *C. aurantiaco*, solida, nitidiuscula, carinata, superne saturate castanea; in decorticatis speciminibus, spira lineis albidis ziczac variegata. Carina catenata, alterne albida et castanea. Periomphalo albido, fasciis nonnullis castaneis spiralibus lineato. Peristomate vix pallidissime ochraceo, ore interiore coerulescente. — Diam. maj. 1,70, min. 1,35". (Th.)

Cyclophorus Haughtoni Theob. in Journ. As. Soc. Beng. XXVI. 1858. p. 246; XXVII. 1859. p. 314.
— — *Hanl. & Theob.* Conch. Ind. t. 1. f. 3. t. 48. f. 6. Var. t. 3. f. 6.
— — *Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 147. (Species *C. aquilo Sow.* proxima.)
— *excellens var. Reeve, Pfr.* III. 66.

Habitat Moulmein, Tenasserim.

39b. C. affinis Theobald. †

„Testa subgloboso-turbinata, umbilicata, solidiuscula, castaneo-marmorata, haud nitida, vix carinata; peristomate reflexo, forti expansiusculo-distorto, pallidissime flavescente, intus coerulescente. — Diam. maj. 1,40—1,60, min. 1,12—1,36". (Th.)

Cyclophorus affinis Theob. in Journ. As. Soc. Beng. XXVI. 1858. p. 246; XXVII. 1859. p. 314.
— — *Hanl. & Theob.* Conch. Ind. t. 2. f. 7. t. 48. f. 2. Var. *picta* t. 104. f. 1.
— *Haughtoni var.? Stoliczka* in Journ. As. Soc. XL. 1871. Pt. 2. p. 147. (*C. excellenti Pfr.* subsimilis.)

Habitat Moulmein, Tenasserim.

*

40. Bensoni Pfr. — Conch. Ind. t. 34. f. 5. — *Morelet* Sér. conch. IV. p. 284.
41. Theobaldianus Bens. — Conch. Ind. t. 1. f. 2.

46. perdix Brod. & Sow. — *Cyclostoma Aglaë Sow.* olim.
48. porphyriticus Bens. — Conch. Ind. t. 105. f. 4.
49. expansus Pfr. — Conch. Ind. t. 2. f. 3. 4.
51. Menkeanus Phil. — Conch. Ind. t. 33. f. 3.
54. punctatus Grat. — *Morelet* Sér. conch. IV. p. 284: Tourane.
57. foliaceus Chemn. — Conch. Ind. t. 2. f. 5. 6.

58a. C. fimbriatus (Craspedotropis) Austen. †

„Testa conoideo-turbinata, anguste umbilicata, tenuis, epidermide rudi, saturate brunnea vestita, longitudinaliter striata; spira conoidea, lateribus concavis, apice attenuato, obtuso, sutura profunda; anfr. 5, superne planati, ultimus medio subcarinatus, fimbria lobato-foliacea munitus; apertura diagonalis, circularis; peristoma tenue, leviter reflexum. — Operculum multispirale, planum, extus glabrum. — Diam. maj. 0,19, alt. 0,15 poll.“ (A. angl.)

Craspedotropis fimbriatus Godwin Austen in Journ. As. Soc. Beng. XLIV. Pt. 2. 1875. p. 7. t. 4. f. 1.

Habitat „Hengdan Peak“, Naga hills, ad alt. 7000′.

§. 7.

59. eximius Mouss. — Conch. Ind. t. 33. f. 1. 7: Khasia hills.
60. ceylanicus Pfr. — Conch. Ind. t. 33. f. 2.
61. stenomphalus Pfr. — Conch. Ind. t. 34. f. 1.
62. Aurora Bens. — Conch. Ind. t. 3. f. 4.
63. Jerdoni Bens. — Conch. Ind. t. 33. f. 5. 6.
64 zebrinus Bens. — Conch. Ind. t. 2. f. 2.

§. 8.

72. Nilagiricus Pfr. — Conch. Ind. t. 1. f. 5. — *Cyclophorus Nilgharricus Schauf.* in Cat. Pät. p. 93.
(74. Haughtoni Theob. — Hoc loco delendus!)
75. sublaevigatus Blanf. — Conch. Ind. t. 34. f. 7.
77. Layardi H. Adams. — Conch. Ind. t. 104. f. 2. 3.

77a. C. subplicatus Beddome. †

„Testa late umbilicata, depressa, solida, saturate castaneobrunnea (junior epidermide pulverulenta fuscescente tecta), oblique et inconspicue dense striata, spiraliter lirata et plicis notata obliquis, parum conspicuis, vix elevatis, super regionem peripherialem anfractus ultimi angulatis et iterum retrorsum currentibus; spira parum elevata, apice obtuso, suturis pro-

fundis; anfr. 4, convexi, ultimus versus peristoma leviter descendens; apertura obliqua, subcircularis, apice ad sinistram angulata; peristoma duplex, labiis ambobus continuis, interiore albo, exteriore praeter apicem sinistrum vix expanso. — Operculum e strato simplice, corneo, tenui constans, extus subconcavum, 6-spiratum. — Diam. $1^1/_{16}$, alt. $^3/_8$ poll.“ (B. angl.)

Cyclophorus subplicatus Beddome in Proc. Zool. Soc. 1875. p. 452. t. 53. f. 25—27.

Habitat „Haycock mountain“ insulae Ceylon.

Obs. Persimilis *C. Layardi H. Ad*, sed liris spiralibus multo minus prominentibus, plicis obliquis et peristomate minus reflexo discrepans.

*

82. Bairdi Pfr. — Conch. Ind. t. 4. f. 1.

§. 9.

84. phaenotopicus Bens. — Conch. Ind. t. 4. f. 3.

§. 10.

88. cratera Bens. — Conch. Ind. t. 47. f. 8.
89. cadiscus Bens. — Conch. Ind. t. 105. f. 10.

§. 12.

92. flavilabris Bens. — Conch. Ind. t. 1. f. 1.
98. indicus Desh. — Conch. Ind. t. 48. f. 3.
99. cryptomphalus Bens. — Conch. Ind. t. 3. f. 7.
100. altivagus Bens. — Conch. Ind. t. 34. f. 2. 3. Var. f. 6.

§. 14.

111. coeloconus Bens. — *Cyclophorus caeloconus Hanl. & Theob.* Conch. Ind. t. 4. f. 5.
112. flammeus Pfr. — *Leptopoma flammeum* Conch. Ind. t. 142. f. 3.
114. halophilus Bens. — *Leptopoma halophilum* Conch. Ind. t. 6. f. 3.

§. 15.

132. orophilus Bens. — *Leptopoma orophilum* Conch. Ind. t. 142. f. 4.
133. malleatus Blanf. — *Cyathopoma malleatum Hanl. & Theob.* Conch. Ind. t. 82. f. 5. 6.
134. conulus Pfr. — *Leptopoma conulus* Conch. Ind. t. 105. f. 1.
136. cuspidatus Bens. — *Craspedotropis cuspidatus Hanl. & Theob.* Conch. Ind. t. 135. f. 1. 4.

136a. C. biliratus Beddome. †

„Testa umbilicata, turbinata, obscure olivacea, sub epidermide crassa, obscura in anfractu quarto vel quinto mox obsoleta sed semper persistente in ultimo, ubi format striaturam obliquam, rudem, piliformem, maxime prominentem circa peripheriam et ad suturam anfractuum 2 ultimorum et plerumque fimbriae instar circa umbilicum; spira conica, apice subacuto; anfr. 6, supremi 5 laevigati, convexi (interdum quintus vel quartus et quintus costa levi medio notati), ultimus circa peripheriam costis 2 prominentibus, elevatis, spatio lato plano separatis munitus, subtus convexus, laevigatus vel striis nonnullis elevatis notatus, prope aperturam leviter descendens; apertura obliqua, subcircularis, terminatione costarum in peristomate leviter angulata; umbilicus intus magis minusve striatus; peristoma simplex, tenue, continuum vel in anfr. penultimo breviter interruptum. — Operculum strato unico constans, corneum, multispirale, extus concavum, nucleo parvo, centrali. — Altit. $^{3}/_{16}$ poll., vix latitudinem anfractus ultimi superans.“ (B. angl.)

Cyclophorus biliratus Beddome in Proc. Zool. Soc. 1875. p. 452. t. 53. f. 34.

Habitat „South-Canara range of ghats“ 2500′ alt., Indiae meridionalis.

Obs. „Peraffinis *C. cuspidato Bens.*, cujus operculum idem. Subgenus Craspedotropis rejiciendum.“

136b. C. Salemensis Beddome. †

„Testa mediocriter umbilicata, turbinata, obscure olivaceoviridis, epidermide vestita sordide et saturate brunnea, oblique striata, filiformi, in anfractibus superioribus mox decidua, in ultimo et circum umbilicum, ubi fimbriam format, semper persistente; spira subacuminata; anfr. 6, supremi 5 plerumque laeves, convexi (interdum quintus versus terminationem magis minusve biliratus), ultimus antice leviter descendens, subtus convexus, supra regionem peripherialem costulis spiralibus 5 prominentibus, et subtus 4—5, versus terminationem anfractus modo conspicuis, munitus; umbilicus intus spiraliter liratus; apertura obliqua, subcircularis, apice angulata; peristoma simplex, continuum, apice angulatum, paulum infra apicem marginis dextri subito contractum et ejus centro leviter angulatum. — Operculum *C. bilirati*. — Long. $^{7}/_{32}$, diam. max. $^{7}/_{32}$ poll.“ (B. angl.)

Cyclophorus Salemensis Beddome in Proc. Zool. Soc. 1875. p. 453. t. 53. f. 35.

Habitat „Shevaroy hills, Salem district“ Indiae meridionalis.

Obs. Proxime affinis *C. bilirato* et *cuspidato.*

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139. trochlea Bens. — *Jerdonia trochlea Hanl. & Theob.* Conch. Ind. t. 135. f. 4.
140. Phayrei Theob. — *Jerdonia Phayrei* Conch. Ind. t. 135. f. 3.

§. 16.

142. deplanatus Pfr. — Conch. Ind. t. 3. f. 10.
143. stenostomus Sow. — Conch. Ind. t. 105. f. 7. 8. Var. *anguis Sow.* f. 9.
145. Cytopoma Bens. — Conch. Ind. t. 47. f. 9.

§. 19.

177. Thwaitesi Pfr. — Conch. Ind. t. 3. f. 8. 9.
179. ravidus Bens. — Conch. Ind. t. 105. f. 5. 6.
185. cornu venatorium Sow. — Conch. Ind. t. 104. f. 5. 6.

§. 21.

188. scissimargo Bens. — *Lagocheilus scissimargo Hanl. & Theob.* Conch. Ind. t. 6. f. 7.
189. tomotrema Bens. — *Lagocheilus tomotrema* Conch. Ind. t. 6. f. 8.
190. leporinus Blanf. — *Lagocheilus leporinus* Conch. Ind. t. 135. f. 2.

§. 22.

193. planorbis Blanf. — *Ditropis planorbis Hanl. & Theob.* Conch. Ind. t. 136. f. 5. 6.
194. Beddomei Blanf. — *Ditropis Beddomei* Conch. Ind. t. 136. f. 8. 9.
195. convexus Blanf. — *Ditropis convexus* Conch. Ind. t. 136. f. 7. 10.

195a. **C. Whitei Brazier.** †

„Testa suborbicularis, depressiuscula, tenuiuscula, oblique rugoso-striata; spira vix elevata, apice obtuso, glabro; anfr. $4^1/_2$, rapide accrescentes, ultimus magnus, planatus, carinis 2 spiralibus, altera supra, altera infra peripheriam munitus, spatio interjecto subexcavato; umbilicus amplus, carina circumdatus; apertura obliqua, circularis; perist. simplex, tenue, acutum. — Operculum corneo-luteum, tenue, concavum, multispirale. — Diam. maj. 1, min. $^3/_4$, alt. $^3/_4$ lin.“ (B. angl.)

Cyclophorus Whitei (Ditropis) *Braz.* in Proc. Zool. Soc. 1874. p. 669. t. 83. f. 5—7.

Habitat Fitzroy Island Australiae.

XXV. Leptopoma Pfr.

(p. 127.)

§. 1.

3. latelimbatum Pfr. — Synon. *Leptopoma distinguendum Dohrn* mss. olim, *Pätel* Cat. p. 120.

10. semiclausum Pfr. — *Hanl. & Theob.* Conch. Ind. t. 6. f. 2.

§. 2.

24. immaculatum Chemn. — *Turbo marginellus Gmel., laevis Wood.* — *Cyclostoma Azaolanum Sow.* olim.

36. aspirans Bens. — Conch. Ind. t. 6. f. 4.

38. apicatum Bens. — Conch. Ind. t. 142. f. 1.

§. 3.

44. cybeus Bens. — Conch. Ind. t. 6. f. 1.

§. 4.

60. elatum Pfr. — Conch. Ind. t. 142. f. 2.

XXVI. Megalomastoma Guilding.

(p. 135.)

§. 1.

1. croceum Sow. — „Operculum corneum, tenue, planulatum, acute ovale, rubellum; anfr. 4 subprominuli, nucleo centrali, homogeneo. — Madagascar (non ins. Mauritius).“ *Morelet* in Journ. Conch. XXIV. 1876. p. 90.

§. 4.

23. sectilabrum Gould. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 3.
27. funiculatum Bens. — Conch. Ind. t. 7. f. 2. Var. t. 133. f. 1.
28. pauperculum Sow. — Conch. Ind. t. 133. f. 2. 3.

XXVIII. Cataulus Pfr.

(p. 140.)

§. 2.

2. Templemani Pfr. — *Hanl. & Theob.* Conch. Ind. t. 106. f. 1.
3. Layardi Gray. — Conch. Ind. t. 106. f. 8.
5. Thwaitesi Pfr. — Conch. Ind. t. 106. f. 6.
7. Austenianus Bens. — Conch. Ind. t. 106. f. 7.
8. aureus Pfr. — Conch. Ind. t. 106. f. 9.
9. haemastomus Pfr. — Conch. Ind. t. 106. f. 4.
11. decorus Bens. — Conch. Ind. t. 106. f. 5.
13. Blanfordi Dohrn. — Conch. Ind. t. 106. f. 3.
14. Calcadensis Bedd. — Conch. Ind. t. 106. f. 10.
15. duplicatus Pfr. — Conch. Ind. t. 106. f. 2.

XXIX. Rhaphaulus Pfr.

(p. 142.)

4. chrysallis Pfr. — *Raphaulus chrysalis Hanl. & Theob.* Conch. Ind. t. 133. f. 7.
5. pachysiphon Theob. & Stol. — Conch. Ind. t. 133. f. 6.

XXX. Streptaulus Benson.

(p. 143.)

1. Blanfordi Bens. — *Hanl. & Theob.* Conch. Ind. t. 133. f. 5. 6.

XXXI. Pupinella Gray.

(p. 144.)

§. 2.

4. grandis Forb. — *Pupinopsis grandis H. Adams* in Proc. Zool. Soc. 1875. p. 389.

4a. P. Angasi (Pupinopsis) H. Adams. †

„P. testa perforata, pupaeformi, solida, rugoso-malleata, non nitente, rubida vel pallide fulva; spira medio tumida, in conum depressum terminata; anfr. 7, superis convexis, penultimo latere aperturae planato, ultimo angustiore, antice descendente, basi juxta perforationem cristato; apertura verticali, circulari, bicanaliculata; perist. incrassato, flavido vel albido, reflexo, margine dextro sursum producto, canali levi a parietali separato, margine columellari medio inciso, canalem apertum extus dilatatum callo circumvallatum formante. — Long. 20, diam. 12 mill.“ (H. Ad.)

Pupinopsis Angasi H. Adams in Proc. Zool. Soc. 1875. p. 389. t. 45. f. 2. 2a.

Habitat in Archipelago Louisiadarum.

Obs. Species peraffinis *P. grandi Forb.*, sed differt statura multo minore, perforatione angusta et anfractibus 4 primis spirae magis depressis.“

14. P. japonica (Pupina) Kobelt.

„Testa cylindraceo-ovata, subtilissime regulariterque striata, sericea, corneo-rufescens, detrita roseo-albida; spira sensim attenuata, obtusiuscula; anfr. 6, sutura impressa, albida discreti, ultimus turgidus, penultimo vix latior, descendens. Apertura subverticalis, regulariter circularis, utrinque canaliculata, canali supero inter insertionem marginis externi et lamellam dentiformem curvatam parietis aperturalis formato, infero ad marginem aperturae angusto, extus dilatato, foramen oblongum quasi formante; peristoma reflexum, expansum, luteo-aurantium, callo tenui, arcuato, ad marginem externum processu hamiformi munito, conjunctum; faux flavida. — Long. 10, lat. 5, apert. lat. margine incluso vix 5 mill.“ (K.)

Pupinopsis Mindorensis A. Adams in Proc. Zool. Soc. 1867. p. 314? (Nomen.)
Pupina japonica „v. Mart.“ Kobelt in Jahrb. malak. Ges. III. 1876. p. 35. t. 1. f. 6. (Non *Mart.*)

Habitat Satsuma et Kabé Japoniae (Dr. Rein).

Obs. *Pupina japonica Mart.* (*Pfr.* Pneum. III. 96. IV. 149) ex descriptione evidenter Pupinis veris adnumeranda, species autem a Cl. Rein collecta ad Pupinellas referenda. Cum hac ultima verosimiliter testae japonicae, a Cl. Adams nomine *Pupinopsidis Mindorensis* enumeratae nec ulterius designatae congruunt.

Quid?

Pupinopsis rufa „*Pfr.*", *A. Adams* in Proc. Zool. Soc. 1867. p. 314.

XXXII. Pupina Vignard.

(p. 147.)

§. 1.

3. P. Vescoi Morelet.

„T. imperforata, ovato-acuminata, saturate fulva, glaberrima, pellucida, nitide micans; spira ventroso-conica, apice obtusiuscula; anfr. 5 convexi, sutura exiliter marginata juncti, ultimus ventrosus, spiram fere aequans; apertura subcircularis, callo pliciformi acuto, oblique intrante, juxta insertionem marginis dextri munita; peristoma incrassatum, expansiusculum, margine columellari inciso, canaliculato. — Long. 11, diam. 6 mill. — An *P. Mouhoti Pfr.* proxime affinis?" (M. 1875.)

Pupina Vescoi Mor., *Pfr.* Mon. Pneum. III. p. 94. Nr. 10; IV. p. 148. Nr. 3.
— — *Morelet* Séries conch. IV. 1875. p. 287. t. 13. f. 11.
Registoma Vescei Schauf. in Cat. Pät. 1869. p. 94.

Habitat prope Bien-Hoa Cochinchinae.

*

7. imbricifera Bens. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 7.
11. arula Bens. — Conch. Ind. t. 7. f. 4.

14a. P. Coxeni Brazier. †

„Testa elongato-ovata, tenuiuscula, polita, nitida, translucens, laevissima, pallide rufo-cornea; spira conica, acutiuscula, sutura distincta; anfr. 6, convexi, ultimus maximus; apertura verticalis, circularis, continua; peristoma sicut auriculae album, callo valde incrassatum; canalis dexter longus et angustus,

lingua parietis magna, incrassata, triangulari tectus; canalis columellaris longus et angustus, lingua fere simili tectus; peristoma incrassatum, prominens, lamina lata complanata, versus columellam dilatata, parte inferiore auctum. — Long. ab apice ad labrum $4^1/_2$ (cum lamina infera 5), latit. $2^1/_2$, diam. apert. $1^1/_4$ lin.“ (B. angl.)

Pupina Coxeni Braz. in Proc. Zool. Soc. 1875. p. 34. t. 4. f. 9.

Habitat „Mount Dryander, Port Denison, N. E. Australia.“

Obs. Differt ab omnibus affinibus peristomate duplicato, altero per totum circuitum fere $^1/_2$ lin. perpendiculariter elevato, altero inferne marginem formante.

*

17. artata Bens. — Conch. Ind. t. 7. f. 5.

23a. P. Blanfordi Theobald. †

„T. pupinaeformi, politissima, flavescente-cornea. Anfractibus quinque. Peristomate albo, non expanso. Canalibus albis. — Long. 6, diam. 3,5 mill.“ (Th.)

Pupina Blanfordi Theob. in Journ. As. Soc. Beng. XXXIII. 1864. Pt. 2. p. 247.

— — *Hanl. & Theob.* Conch. Ind. t. 7. f. 6.

Habitat Pegu.

XXXV. Choanopoma Pfr.

(p. 156.)

§. 2.

24. hystrix Wright. — *Chondropoma hystrix Schauf.* in Cat. Pät. p. 96.
25. echinus Wright. — *Chondropoma echinus Schauf.* ibid. p. 96.

§. 3.

32. Hillianum C. B. Adams. — *Choanopoma amandum Schauf.* in Cat. Pät. p. 95.

§. 5.

47. auricomum Gundl. — *Lithidion auricomum Schauf.* ibid. p. 95.
48. putre Gundl. — *Lithidion putre Schauf.* ibid. p. 95.

XXXVI. Cyclotopsis Blanford.

(p. 161.)

1. semistriata Sow. — *Cyclostoma album Hutt.* — *Cyclotus semistriatus Hanl. & Theob.* Conch. Ind. t. 4. f. 7.
2. subdiscoidea Sow. — *Cyclotus subdiscoideus* Conch. Ind. t. 4. f. 10.
3. conoidea Pfr. — *Cyclostoma varium Barcl.*

XXXVII. Ctenopoma Shuttleworth.

(p. 162.)

§. 1.

3. honestum Poey. — *Cyclostomus honestus Pfr.* olim.

XXXIX. Adamsiella Pfr.

(p. 164.)

§. 1.

1. mirabilis Wood. — *Cyclostoma decussatulum* (non *decussatum*) *C. B. Adams.*
3. pulchrior C. B. Adams. — *Adamsiella Binneyana Reeve.*

§. 4.

17. chordata Gundl. — *Tudora cordata Schauf.* in Cat. Pät. p. 96.

XLI. Otopoma Gray.

(p. 167.)

§. 1.

2. Hinduorum Blanf. — *Hanl. & Theob.* Conch. Ind. t. 6. f. 5. — Var. f. 6.

§. 3.

8. Philippianum Pfr. — Operculum testaceum, solidum, squalide cinereum, centro concaviusculum; anfr. 4—5 fortiter impressi, nucleo subcentrali. — Madagascar. (*Morelet* in Journ. Conch. XXIV. 1876. p. 89.) — *Otopoma philippinarum Schauf.* in Cat. Pät. p. 95.

9. Coquandianum Petit. — Operculum Otopomorum: *Morelet* in Journ. Conch. XXIV. 1876. p. 90. — Madagascar.

§. 4.

18. multilineatum Jay. — *Cyclostomus flexilabrum Schauf.* in Cat. Pät. p. 95.

XLII. Cyclostomus Montfort.

(p. 169.)

§. 1.

7. Deshayesianus Pet. — *Cyclostoma gratum Fér.*

§. 2.

23a. C. defloratus Morelet. †

„T. umbilicata, turbinata, tenuis, minute striata et liris confertis, spiralibus omnino praeter apicem sculpta, albida, subdiaphana; anfr. $4^1/_2$ convexi, 2 ultimi rapide crescentes, ultimus carinis 2 filaribus, infera prominentiore, cingulatus; sutura distanter fimbriata; umbilicus angustus, pervius; apertura subcircularis; perist. continuum, breviter expansum, pone carinam angulare. — Diam. maj. 16, min. 13, altit. 14 mill.“ (M.)

Cyclostoma defloratum Morelet in Journ. Conch. XXIV. 1876. p. 88. t. 3. f. 3.

Testae subfossiles lectae in insula Bourbon (Dupont).

Obs. Affinis *C. carinato Born*, sed minor, spira minus elongata, prominentia umbilicalis nulla, etc.

*

30. Kraussianus Pfr. — Operculum testaceum, planulatum, sordide album vel griseum, 4-spirale, anfr. marginibus saepe fimbriatis, nucleo corneo, subcentrali: *Morelet* in Journ. Conch. XXIV. 1876. p. 88.

§. 3.

34. Boivini Pfr. — Operculum testaceum, planum, albido-griseum, distinctius 4-spiratum, nucleo corneo, subcentrali; diam. max. 29—36 mill.; carina peripherialis interdum duplex. (*Morelet* in Journ. Conch. XXIV. 1876. p. 88.)

§. 5.

45. obsoletus Lam. — Operculum *Dupontiano* (vid. seq.) simillimum: *Morelet* in Journ. Conch. XXIV. 1876. p. 87.

45a. C. Dupontianus Morelet. †

„Testa umbilicata, turbinato-globosa, solidula, costulato-striata et liris plus minusve conspicuis superne decussata, nitidula, albida vel pallide straminea, fasciis rufis vel brunneis varie cingulata; spira acute conica; anfr. 6 convexi, ultimus rotundatus, circa umbilicum mediocrem spiraliter impressus; sutura denticulata; apertura parum obliqua, subcircularis, intus vivide fasciata; perist. subinterruptum, aequaliter et modice expansum, album, marginibus callo superficiali junctis, columellari umbilicum semitegente. — Operculum testaceum, planum, cinerascens, 4-spiratum, nucleo corneo, translucido, fere centrali. — Diam. maj. 25, min. 20, altit. 22 mill.

β. Unicolor, pallide stramineum.“ (M.)

Cyclostoma Dupontianum Morelet in Journ. Conch. XXIV. 1876. p. 86. t. 3. f. 1. (Var. f. 2.)

Habitat Madagascar.

Obs. Affinis *C. obsoleto Lam.*, statura et fasciis similis, sed magis globulosa, spira elongatiore, umbilico angustiore.

*

49. citrinus Sow. — Operculum *C. obsoleto* simile. — Madagascar (Dupont). Excludatur synonymum *C. rugosi Sow.* (*Morelet* in Journ. Conch. XXIV. 1876. p. 87.)

49a. semidecussatus Pfr., *Morelet* in Journ. Conch. XXIV. 1876. p. 88. — *Cyclostoma rugosum Sow.*, non *Lam.* — Bene distinctum a *C. citrino*. — Trinidad.

§. 6.

56. aplustre Sow. — Operculum *Cycl. obsoleti* operculo simillimum: *Morelet* in Journ. Conch. XXIV. 1876. p. 88.

§. 7.

91a. C. caspicus Mousson. †

„T. anguste perforata, globose conica, solidula, costulis acutis, spiralibus (35—38), ad suturam et in regione perforationis distantibus, infra dorsum confertis, non confluentibus, ornata, interstitiis acute striatis, pallide flavescens. Spira conica

(sub angulo 60°); summo subinflato, flavulo, obtusulo; sutura profunda; anfr. 5, celeriter accrescentes, rotundati; nucleolaris inflatus; ultimus subventrosus, rotundatus; apertura subverticalis (15° cum axi), angulato-circularis, $^1/_2$ longitudinis vix aequans. Perist. rectum, continuum, bene adnatum, non liberum. Operculum terminale testaceum, arcte 6-spiratum; nucleolo subcentrali, griseo-violaceo. — Long. 14, diam. 11, apert. 7 mill. — Rat. anfr. 2:5. — Rat. apert. 4:5." (M.)

Cyclostomus caspicus Mouss. in Journ. Conch. XXIV. 1876. p. 46. t. 4. f. 2.

Habitat Lenkoran ad mare Caspium (Sievers).

XLV. Cistula Gray.

(p. 186.)

§. 1.

5. Mackinlayi Gundl. — *Cyclostomus Makenlayi Schauf.* in Cat. Pät. p. 95.

§. 6.

30a. C. Aguadillensis Pfr.

T. perforata, oblongo-turrita, truncata, solidula, liris spiralibus superne vix prominentibus, in anfractibus ultimis distinctioribus, subapproximatis, lineisque filaribus confertissimis, illas transcurrentibus decussata, vix subnitidula, rubello-fulva; spira regulariter attenuata, anguste truncata; sutura mediocris, nodulis fasciculato-striatis subcrebre denticulata; anfr. superst. $5^1/_2$—6, convexiusculi, ultimus basi rotundatus, circa perforationem liris spiralibus fortioribus munitus, antice brevissime solutus, dorso carinatus; apertura verticalis, ovalis, superne subangulata, intus nitida; perist. duplex: internum continuum, vix prominulum, expansiusculum, externum ad anfr. contiguum excisum, superne angulato-lingulatum, caeterum peranguste patens. — Operc. normale. — Long. 18, diam. 6 mill. Apert. intus 4 mill. longa, $3^1/_2$ lata.

Cistula Aguadillensis Pfr. in Malak. Bl. XXII. 1875. p. 207.

Habitat prope Aguadilla insulae Portorico (Dr. J. Gundlach).

Obs. Affinis *C. rostratae Pfr.*, sed forma multo graciliore et peristomate externo minus evoluto, brevissime patente, statim distinguenda.

XLVI. Chondropoma Pfr.

(p. 190.)

§. 3.

12. revinctum Poey. — *Tudora revincta Schauf.* in Cat. Pät. p. 96.

XLVII. Pomatias Studer.

(p. 198.)

§. 2.

33. striolatus Porro. — Lege: *Cyclostoma Philippii A. Braun.*
35. cinerascens Rossm. — *Cyclostoma canescens Rossm.* (I. 303.)
38. Himalayae Bens. — *Hanl. & Theob.* Conch. Ind. t. 7. f. 9.

* * *

40. Peguensis Theob. in Journ. As. Soc. XXXIII. 1864. p. 348. — Conch. Ind. t. 7. f. 8.
41. ? Frossardi Bourg. — *Fischer* in Journ. Coch. XXIV. 1876. p. 68. — An forma atavica *P. crassilabri?*

XLVIII. Realia Gray.

(p. 207.)

Troschel Gebiss d. Schnecken II. Abth. 4. 1875. p. 163: genus Cyclostomaceorum.

§. 2.

13. brevicula Pfr. — *Assiminea brevicula Morelet* Sér. conch. IV. p. 298: Bangkok.

§. 3.

31a. **R. diaphana (Hydrocena) Gassies.** †

„Testa imperforata, ovato-conica, alba, tenuis, diaphana, nitida, longitudinaliter minutissime striatula; anfractus 6—7

convexi, regulariter accrescentes, subrotundati; apice acuto; anfractu ultimo subgloboso; sutura lineari-profunda; apertura ovato-lunaris, columella recta; peristomate simplici tenui; operculum? — Long. 5, diam. $2^1/_2$ mill." (G.)

Hydrocena diaphana Gass. Faune conch. Nouv. Caléd. 1863. p. 114. t. 6. f. 6.

Habitat in insula Pinuum Novae Caledoniae.

§. 4.

39. R. lirata (Hydrocena) Morelet. †

„T. angustissime perforata, ovato-conoidea, apice truncata, solidula, spiraliter confertim lirata, castaneo-fuscescens; anfr. superst. 4—5 planulati, ultimus infra suturam liris 3—4 eminentioribus cingulatus, interdum obscure fasciatus, circa perforationem carinatus; apertura angulato-ovalis, basi attenuata, margine dextro simplici, columellari reflexiusculo. — Operculum corneum, tenue, paucispirum, nucleo submarginali. — Longit. $6^1/_2$, diam. 4 mill." (M. 1875.)

Hydrocena lirata Mor., Pfr. Mon. Pneum. III. p. 173. Nr. 23.
Realia? lirata Pfr. Mon. Pneum. IV. p. 215.
Assiminea lirata Morelet Séries conch. IV. 1875. p. 296. t. 13. f. 8.

Habitat Mekong Cochinchinae.

§. 8.

63. fasciolata Morelet. — *Assiminea carinata Morelet* Sér. conch. IV. p. 295.

74. R. maritima (Hydrocena) Montrouzier.

„Testa umbilicata, ovato-conica, tenuissime striatula, tenuiscula, translucida, flavidulo- vel rubello-cornea; spira conico-acutiuscula; anfractus $5^1/_2$—6 convexi, subscalares, sutura profunda separati, ultimus spira brevior, obsoletissime subcarinatus, basi circa perforationem profundam, infundibuliformem, carina filiformi albidula obliquissime munitus; apertura subverticalis, ovato-subpyriformis, basi subcanaliculata; peristoma simplex, rectum, marginibus callo tenui junctis in adultis, columellari subincrassato, brevissime reflexiusculo. — Long. 5, diam. $3^1/_4$ mill." (G. 1863.)

Hydrocena maritima Montrouz., Gassies Faune Nouv. Caléd. 1863. p. 116. t. 6. f. 15.

Omphalotropis maritima Pfr. Mon. Pneum. III. p. 177. Nr. 18.
Realia? maritima Pfr. Mon. Pneum. IV. p. 222.

Habitat in insula Art Novae Caledoniae.

*

75. granum Pfr. — *Hydrocena granum* (Omphalotropis) *Gassies* Faun. Nouv. Caléd. 1863. p. 116.

82a. R. Fischeriana (Hydrocena) Gassies. †

„Testa conica, solidiuscula, brunnea, nitida, longitudinaliter striatula aut nigrescens, subincrassata, spira subobtusa; anfractus $5^1/_2$, sensim accrescentes, subrotundati, sutura parum profunda separati, ultimus ventrosus, subcarinatus vix $^1/_2$ longitudinis aequans, obscure rufo-bizonatus, umbilico rimato, zona rufa circumducto; apertura semi-ovalis, columella violacea breviter callosa, continua; peristomate subincrassato; operculum typicum. — Long. 5, diam. 3 mill.“ (G.)

Hydrocena Fischeriana (Omphalotropis) *Gass.* Faune conch. Nouv. Caléd. 1863. p. 115. t. 7. f. 18.

Habitat circa Balade Novae Caledoniae.

§. 9.

89. turbinata Morelet. — *Assiminea turbinata Morelet* Sér. conch. IV. p. 205. t. 13. f. 9: Saigon.

Quid?

Omphalotropis angulata „Mouss.“ Schauf. in Cat. Pät. 1869. p. 96. — Upolu.

Cyclostomacea minus nota.

(p. 235.)

Cyclostoma

Arquesi Arango in *Poey* Repert. II. p. 270. — Cuba.
aspersum Phil. } I. 316.
australe Gray }
Coronadoi Arango in *Poey* Repert. II. p. 270. — Cuba.

fasciatum Say. — *Chondropoma fasciatum Schauf.* in Cat. Pät. p. 96.
hyalaeum Sow. I. 316.
marginatum Chemn. (IV. 235.) — *Cyclostoma murrhinum Menke.*

Genus Heterocyclus Crosse (supra p. 54) teste ipso Auctore hic omnino eliminandum et ad Valvatidas juxta Valvatam transferendum est. (Crosse in Journ. Conch. XXIV. 1876. p. 99.)

Helicinacea Menke.

(p. 237.)

Cl. Troschel (Gebiss der Schnecken II. Abth. 4. 1875. p. 162) familiam a Cyclostomaceis, Taenioglossorum familia, separat et ad Rhipidoglossa, una cum Proserpinaceis, Hydrocaenaceis, Neritaceis, Trochoideis, Stomatellaceis, Haliotidis et Fissurellaceis referendam declarat, dum antea (eodem opere I. p. 75) similitudinem modo denuntiaverat et Helicinacea juxta Cyclostomacea inter Pulmonata operculata tractaverat et generum Trochatellae, Helicinae et Alcadiae species illustraverat.

IV. Helicina Lamarck.

(p. 243.)

§. 12.

120. adspersa Pfr. — *Helicina Lanieriana Orb.?*

Nomine tantum nota:

Helicina Mighelsi Adams, Jay Catal. 1850. p. 262.

Species fossilis:

? Helicina striata Defr. 1820.

VIII. Georissa Blanford.

(p. 290.)

Troschel Gebiss d. Schnecken II. 1875. p. 163: genus Hydrocaenaceorum, analogum *Hydrocaenae (cattaroënsi).*

PROSERPINACEA POEY.

(p. 295.)

Troschel Gebiss d. Schnecken (I. p. 84.) II. p. 162: familia Rhipidoglossorum.

I. Ceres Gray.

(p. 290.)

2. Salleana Gray. — *Troschel* Geb. d. Schn. I. p. 85. t. 6. f. 2.

AURICULACEA.

III. Melampus Montfort.

(p. 301.)

§. 2.

11. flavus Gmel. — *Melampus minutus Beck.*

§. 4.

48. fasciatus Desh. — Var.? *Melampus zonatus Pease* in Proc. Zool. Soc. 1871. p. 477: Marquesas.

§. 7.

81. Bronni Phil. — *Laimodonta Bronni Pease* in Proc. Zool. Soc. 1871. p. 477.
87. Jickelii Pfr. — *Melampus? oblongus Jick.*, non *Pfr.*

IV. Marinula King.

(p. 330.)

Subgenus *Monica H. & A. Adams* (Gen. rec. moll. II. p. 247) pro *M. aequali*, *Firminii* et *gracili* propositum.

Index familiarum,

generum, specierum et synonymorum.

Nomina Auctorum abbreviata.

Ad. & Ang. — Adams & Angas.
Ad. & R. — Adams & Reeve.
Ar. — Arango.
Aust. — Godwin-Austen.
B. — Beck.
Ben. — Benoit.
Bgt. — Bourguignat.
Bl. — Bland.
Blf. — Blanford.
Blv. — Blainville.
BM. — De Betta & Martinati.
Brd. — Broderip.
Brg. — Bruguière.
Bs. — Benson.
Bz. — Bielz.
Chp. — Charpentier.
Cht. — Chitty.
Chz. — Chemnitz.
C. Pfr. — Car. Pfeiffer.
CrD. — Crosse & Debaux.
CrF. — Crosse & Fischer.
Crs. — Crosse.
Dh. — Deshayes.
DHn. — Dohrn & Heynemann.
Dkr. — Dunker.
Dn — Dohrn.
DnS. — Dohrn & Semper.
Dp. — Draparnaud.
Dr. — Drouët.
Dup. — Dupuy.
DvH. — Deville & Hupé.
Dw. — Dillwyn.
F. — Férussac.
Fb. — Forbes.
FB. — Fischer & Bernardi.
Frfd. — v. Frauenfeld.
Gd. — Gould.
Gdg. — Guilding.
Gdl. — Gundlach.
Gm. — Gmelin.
Gp. — Lechmere Guppy.
Gr. — Gray.
H. & J. — Hombron & Jacquinot.
H. & Th. — Hanley & Theobald.
Htm. — Hartmann.
Jacq. — Hombron & Jacquinot.
Jick. — Jickeli.
K. — Küster.
Kr. — Krauss.
L. — Linnaeus.
Let. — Letourneux.
Lw. — Lowe.
m. — mihi (L. Pfeiffer).
Mch. — Mörch.
MD. — Morelet & Drouët.
MH. — Meek & Hayden.
Mk. — Menke.
Mlf. — Megerle v. Mühlfeldt.
Möll. — v. Möllendorff.
Moq. — Moquin-Tandon.
Mor. — Morelet.
Moric. — Moricand.
Mss. — Mousson.
Mtf. — Montfort.
Mtg. — Montagu.
Mtr. — Montrouzier.

Mts. — E. v. Martens.
Nc. — Newcomb.
Nev. — Neville.
O. — D'Orbigny.
P. — L. Pfeiffer.
Pal. — Paladilhe.
Pet. — Petit de la Saussaye.
Ph. — Philippi.
PM. — Potiez & Michaud.
Ps. — Harper Pease.
Ptsch. — Partsch.
Pv. — De Paiva.
Q. — Quoy (& Gaimard).
Rm. — Rossmässler.
Rss. — Reuss.
Rv. — Reeve.
Schmz. — Schmeltz.
Sdb. — Sandberger.
Sh. — Shuttleworth.
Sm. — Smith.
Sp. — Spix.
Stz. — Stentz.
Sws. — Swainson.
Th. — Theobald.
Tr. — Troschel.
Tsch. — Tschudi.
VdB. — Von dem Busch.
WB. — Webb & Berthelot.
Wd. — Wood.
Wdw. — Woodward.
West. — Agardh-Westerlund.
Wgm. — Wiegmann in Mus. Berol.
Wld. — Weinland.
WlM. — Weinland & v. Martens.
Wr. — Wright.
Z. — Ziegler.
Zel. — Zelebor.

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*) Omnes species absque auctoritate enumeratae a Chitty nominatae et descriptae sunt.

Cassellis, typis Stöhr et v. Gebhardi.

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